

**L3Harris**  
**Public Safety**  
**and Professional**  
**Communications**  
**Products & Services Catalog**

September 2024



**NOTICE!**

THIS INFORMATION IS CONTROLLED BY THE U.S. DEPARTMENT OF COMMERCE EXPORT ADMINISTRATION REGULATIONS 15 CFR 730-774, EAR99. (EAR99.10.2023).

## Table of Contents

|  | Latest Revision  |
|--|------------------|
| 1. Customer Service and Ordering Information.....  | 1.1-1 07/30/24   |
| 2. Services  |                  |
| L3Harris Device Management .....   | 2.1-1 09/29/22   |
| Terminal Managed Services .....  | 2.2-1 09/27/24   |
| Infrastructure Managed Services .....  | 2.3-1 07/30/24   |
| Infrastructure Lifecycle Maintenance Plan .....  | 2.4-1 09/29/22   |
| Additional Services .....  | 2.5-1 09/29/22   |
| Technical Training.....  | 2.6-1 05/24/24   |
| Engineering Services.....  | 2.7-1 06/05/24   |
| Technical Manuals .....  | 2.8-1 07/30/24   |
| Broadband Managed Services .....   | 2.9-1 09/29/22   |
| 3. Portables   |                  |
| <b>Multi-Mode Portables</b>  |                  |
| XL-400P Portables.....   | 3.1-1 09/27/24   |
| XL-200P Portables.....   | 3.1-11 09/27/24  |
| XL-185P Portables.....   | 3.1-39 09/27/24  |
| XL-150P Portables.....   | 3.1-63 09/27/24  |
| XL-95P Portables.....  | 3.1-73 09/27/24  |
| XL-45P Portables.....  | 3.1-81 09/27/24  |
| XG-75P and XG-75Pe Portables .....   | 3.1-87 07/30/24  |
| XG-25P Portables .....   | 3.1-101 07/30/24 |
| XG-15P Portables .....   | 3.1-109 09/28/23 |
| P5500 Portables .....  | 3.1-115 09/28/23 |
| 4. Mobiles   |                  |
| <b>Multi-Mode Mobiles</b>  |                  |
| XL-200M Mobiles.....   | 4.1-1 09/27/24   |
| XL-185M Mobiles.....   | 4.1-7 09/27/24   |
| XL-85M Mobiles .....   | 4.1-13 09/27/24  |
| XG-75M/M7300 Mobiles.....  | 4.1-19 07/30/24  |
| XG-25M Mobiles .....   | 4.1-25 07/30/24  |
| M5300 Mobiles .....  | 4.1-29 07/30/24  |
| 5. Desktop/Control Stations and Remote Controllers                                       |                  |
| <b>Multi-Mode Desktop/Control Stations</b>   |                  |
| CS7000 Control Station.....  | 5.1-1 06/29/23   |
| <b>P25<sup>IP</sup> and Conventional Desktop/Control Stations and Remote Controllers</b> |                  |
| Conventional DC, Tone, and IP Tone Remote Controller .....                               | 5.2-1 09/29/22   |
| 6. Radio Programming.....  | 6.1-11 09/27/24  |

## Table of Contents (Cont'd)

|   | Latest Revision     |
|---|---------------------|
| <b>7. Station and Site Equipment</b>                            |                     |
| <b>Two47™ Station and Site Equipment</b>                        |                     |
| Two47™ Trunked Base Station.....                                | 7.1-1      07/30/24 |
| <b>P25<sup>IP</sup> Station and Site Equipment</b>              |                     |
| MASTR® V P25 <sup>IP</sup> Trunked Base Station.....            | 7.2-1      03/28/24 |
| MASTR® V P25 <sup>IP</sup> Trunked Auxiliary Receiver.....      | 7.2-5      03/28/24 |
| MASTR® V P25 <sup>IP</sup> Conventional Base Station.....       | 7.2-7      03/28/24 |
| MASTR® V P25 <sup>IP</sup> Conventional Auxiliary Receiver..... | 7.2-9      03/28/24 |
| <b>8. Network Switching and Management</b>                      |                     |
| Network Overview.....   | 8.1-1      09/29/22 |
| <b>VIDA® Network Switching and Management</b>                   |                     |
| VIDA® Premier.....  | 8.2-1      09/29/22 |
| VIDA® Unite.....  | 8.2-3      09/29/22 |
| VIDA® Connect.....  | 8.2-5      09/29/22 |
| VIDA® Essentials.....   | 8.2-7      03/28/24 |
| Unified Administration System (UAS).....                        | 8.2-11     08/30/23 |
| VIDA® Virtual Site.....   | 8.2-13     03/28/24 |
| Pathway+ Analog Radio Gateway.....                              | 8.2-15     03/28/24 |
| VIDA® Inter-RF Subsystem Interface (ISSI) Gateway.....          | 8.2-17     08/30/23 |
| Encompass Gateway for DFSI.....                                 | 8.2-19     08/30/23 |
| VIDA® Transcoder.....   | 8.2-21     08/30/23 |
| VIDA® Telephone Interconnect (VTI).....                         | 8.2-23     09/27/24 |
| StatusAware for Location Services.....                          | 8.2-25     08/30/23 |
| <b>ProVoice™ and EDACS® Network Switching and Management</b>    |                     |
| EDACS® Migration Gateway.....                                   | 8.3-1      09/29/22 |

## Table of Contents (Cont'd)

|   | Latest Revision             |
|---|-----------------------------|
| <b>9. Key Management</b>  |                             |
| <b>ProVoice™, EDACS®, P25<sup>IP</sup>, and Conventional Key Management</b> |                             |
| P25 <sup>IP</sup> Network Key Management Facility (KMF).....                | 9.1-1      09/29/22         |
| ProVoice™, EDACS®, and P25 <sup>IP</sup> Key Manager .....                  | 9.1-3      09/27/24         |
| <b>10. Dispatch Systems/Consoles</b>  |                             |
| <b>VIDA® Dispatch</b>   |                             |
| Symphony™ Dispatch Console .....  | 10.1-1      03/28/24        |
| V <sup>IP</sup> Dispatch Console.....                                       | 10.1-9      09/29/22        |
| <b>11. Command and Control Solutions</b>                                    |                             |
| Situational Awareness Mapping.....  | 11.1-1      08/28/24        |
| <b>12. Data</b>   |                             |
| <b>ProVoice™, EDACS®, and P25<sup>IP</sup> Data Products</b>                |                             |
| Radio TextLink .....  | 12.1-1      07/30/24        |
| <b>13. Applications</b>   |                             |
| <b>BeOn® Products</b>   |                             |
| BeOn Group Communications Suite .....                                       | 13.1-1      07/27/23        |
| <b>14. Mission Critical Alliance .....</b>                                  | <b>14.1-1      09/27/24</b> |
| <b>15. Vendor Products .....</b>  | <b>15.1-1      01/30/24</b> |

*This page intentionally blank*

## CUSTOMER SERVICE AND ORDERING INFORMATION

### CUSTOMER AND FINANCIAL SERVICES

This catalog contains pricing and ordering information on standard two-way mobile radio equipment, control devices, and accessories manufactured by L3Harris Technologies and complementary equipment supplied by other manufacturers.

Updates, such as product additions or price changes, will be made promptly to the catalog information that appears on our website. The address for the website appears below. This catalog will be issued periodically.

The following sections are included for ease of ordering:

- **Code Numbers for Radio Services** – Applicable code must be stated on all orders. Codes represent the customer classification of radio equipment users.
- **Hazardous Atmosphere Categories** – Selected portable radios with appropriate factory installed options are certified as **Intrinsically Safe** for use in Division 1, Class I hazardous locations in the presence of Gas Groups C and D atmospheres, Class II hazardous locations in the presence of Gas Groups E, F, and G atmospheres, Class III hazardous locations, and as **Nonincendive** for use in Division 2, Class I hazardous locations in the presence of Gas Groups A, B, C, and D. Typical certification information is shown herein. See product data sheets for actual product specifications.
- **Customer Contact Information and Financial Services** – Web addresses, contacts and telephone numbers, standard payment terms and financing plans, order acceptance and documentation, sales to leasing companies, customer credit application, and Uniform Commercial Code (UCC-1) Financing Statement.
- **Warranty and Rechargeable Battery Warranty** – Copies of L3Harris warranties are located at the website <https://www.harris.com/solution/pspc-customer-service>.

Each catalog listing is identified with an Equipment Class Code where applicable, a brief description, and/or rating to confirm selections for ordering purposes. The Equipment Class Codes that appear in the catalog are used as ordering number “prefixes” only, therefore they do not form part of the actual model or option number. However, the equipment class code letter must be stated when ordering. Equipment Class Codes are listed as follows:

| E/C | Description                                  |
|-----|--|
| BC  | Bid Cost                                     |
| C   | Combination Model                            |
| L   | Software Services                            |
| LD  | License with Delivery                        |
| N   | Option – Configured                          |
| NB  | Feature Option                               |
| P   | Part   |
| S   | Service Part                                 |
| V   | Vendor Option                                |
| VC  | Vendor Customizes to L3Harris Specifications |
| VM  | Vendor Combination Model                     |
| VN  | Vendor Option – Configured                   |
| Y   | Special Code (use only when directed)        |

## **CUSTOMER AND FINANCIAL SERVICES (Cont'd)**

All prices and products are subject to change without notice. All prices shown are US Dollars. Shipping and handling charges are to be paid or billed to the customer. The Purchaser is responsible for the payment of excise, sales, use, and similar taxes that may be applicable.

All orders are subject to acceptance at the L3Harris facilities in Lynchburg, Virginia. Orders must be sent electronically, faxed, or submitted on an L3Harris order form and will be subject to the standard terms and conditions.



## CODE NUMBERS FOR RADIO SERVICES (FOR APPLICATION IN THE U.S.A. ONLY)

On all orders, insert applicable code number in the CLASS OF SERVICE box at the bottom of the order form. Codes represent the customer classification of radio equipment users.

### BUSINESS & INDUSTRIAL

- E00 - SPECIAL EMERGENCY (90)
- E15 - Ambulance (Privately Owned)
- E20 - Doctor
- E30 - Veterinarian
- E45 - School Bus (Privately Owned)
- E55 - Hospital (Privately Owned)
- GOO - PETROLEUM (90)
- G10 - Pipeline
- G20 - Refining
- G30 - Producing
- G40 - Drilling
- G50 - Exploration
- G90 - Other
- HOO - FOREST PROD. (90)
- IOO - SPECIAL INDUSTRIAL (90)
- I10 - Agriculture
- I20 - Shaft Mining
- I21 - Strip Mining
- I30 - Heavy Construction (Bridges, Roads, etc.)
- I31 - Special Trade Contractor
- I32 - Water Well Drilling
- I33 - Water, Oil, Gas, or Power Product Systems
- I40 - Newspaper Periodicals (Relay Press)
- I50 - Concrete Asphalt Delivering
- I51 - Fuel Oil/LP Gas Deliveries
- I60 - Oil Field Maintenance & Service
- I90 - Other
- JOO - BUSINESS (90)
- J10 - Building Contractor
- J11 - Heavy Construction
- J12 - Excavating and Grading
- J13 - Electrical Contractor
- J20 - Wholesale Commercial Product Dealers
- J21 - Commercial & Industrial Machinery, Equipment & Supplies
- J30 - Retail Consumer Products
- J31 - TV and Appliance Dealers
- J32 - Heating, Plumbing, Air Conditioning Equipment Dealers
- J33 - Fuel Oil/LP Gas Dealers
- J34 - Building Material Dealers
- J35 - Automobile Dealers
- J36 - Gasoline Service Stations
- J37 - Auto Tire, Battery & Accessory Parts Dealers

### BUSINESS & INDUSTRIAL

- J38 - Electronic Sales & Service (Not included in J31)
- J39 - Real Estate
- J40 - Retail Services
- J41 - Laundry & Dry Cleaning
- J42 - Exterminators
- J43 - Automobile Repair
- J44 - Detective Agencies
- J45 - Septic Tank & Sewer Service
- J46 - Credit Agencies
- J47 - Insurance Agencies
- J50 - Commercial Products Sales & Service
- J51 - Vending Machines
- J52 - Paper and Pulp
- J53 - Two-Way Radio
- J60 - Agriculture
- J70 - Manufacturing
- J90 - Other
- KOO - MANUFACTURERS (90)
- K10 - Chemicals
- K20 - Primary Metals
- K21 - Metal Working
- K30 - Textiles
- K40 - Machinery
- K90 - Other
- LOO - LOW POWER INDUSTRIAL (90)  
(Now under Business)
- NOO - MOTOR CARRIER (90)
- N10 - Local & Suburban Passenger (Privately Owned)
- N20 - Intercity Passenger
- N30 - Local Trucking
- N40 - Intercity Trucking
- N90 - Other
- O00 - CITIZENS (95)
- O19 - Local and or Intercity Garage
- O20 - Construction
- O30 - Retail Sales
- O40 - Service Trades
- O50 - Personal Use
- O90 - Other
- QOO - MISC. COMMON CARRIER (90)
- Q20 - RCC Affiliated with MR
- Q30 - RCC End-user
- Q40 - Telephone Co. End-user
- YOO - AUTO EMERGENCY (90)
- Y10 - Service Station or Garage
- Y20 - Wrecker Service
- Y30 - Automobile Club
- Y90 - Other
- ZOO - TAXI (90)

### PUBLIC SERVICE

- A00 - POLICE (90)
- A10 - Municipal
- A20 - County
- A30 - State Agency
- A90 - Other
- B00 - FIRE (90)
- B10 - Municipal Paid
- B20 - Municipal Volunteer
- B30 - County Paid
- B40 - County Volunteer
- B90 - Other
- COO - FORESTRY CONSERVATION (90)
- DOO - HIGHWAY MAINTENANCE (90)
- E00 - SPECIAL EMERGENCY (90)
- E10 - Ambulance Service (Publicly Owned)
- E40 - School Bus (Publicly Owned)
- E50 - Hospital (Publicly Owned)
- E60 - Civil Defense
- E70 - Search-Rescue
- E90 - Other
- FOO - LOCAL GOVERNMENT (90)
- F10 - Municipal
- F20 - State Agency
- F90 - Other
- IOO - SPECIAL INDUSTRIAL (90)
- I70 - Telephone Maintenance
- MOO - POWER (90)
- M10 - Municipally Owned Utility
- M20 - State Owned Utility
- M30 - Cooperative Utility
- M40 - Privately Owned Electric Co.
- M50 - Privately Owned Gas Co.
- M60 - Privately Owned Water Co.
- M90 - Other
- NOO - MOTOR CARRIER (90)
- N60 - Mass Transit (Public)
- POO - INDEPENDENT TELEPHONE (21)
- Q10 - MISC. COMMON CARRIER (90)  
(RCC Not affiliated with MR)
- S00 - TRAFFIC (90)  
(Include Local Government)
- TOO - TRANSPORTATION (90)
- T10 - Railroad
- T20 - Airlines
- T30 - Steamship Lines
- BELL SYSTEM
- 100 - Western Electric/Bell IMTS.
- 200 - Western Electric/Bell Other

### PUBLIC SERVICE (Federal Government)

| Agency            | Defense |     |     |     |
|-------------------|---------|-----|-----|-----|
|                   | Non-GSA |     | GSA |     |
|                   | DOM     | EXP | DOM | EXP |
| Air Force         | W50     | W52 | W5G | W5E |
| Army              | W10     | W12 | W1G | W1E |
| Navy              | W20     | W22 | W2G | W2E |
| Marines           | W30     | W32 | W3G | W3E |
| NSA               | W40     | W42 | W4G | W4E |
| Classified Acct's | W60     | W62 | W6G | W6E |
| NASA              | W70     | W72 | W7G | W7E |
| Red Cross         | W80     | W82 | W8G | W8E |
| Other Defense     | W90     | W92 | W9G | W9E |

| Agency                               | Non-Defense |     |     |     |   |     |     |     |     |
|--------------------------------------|-------------|-----|-----|-----|---|-----|-----|-----|-----|
|                                      | Non-GSA     |     | GSA |     | Non-GSA   |     | GSA |     |     |
|                                      | DOM         | EXP | DOM | EXP | Agency  | DOM | EXP | DOM | EXP |
| U.S. Fish & Wildlife Service         | V10         | V12 | V1G | V1E | Bureau of Alcohol, Tobacco & Firearms               | 370 | 372 | 37G | 37E |
| Bureau of Land Mgt.                  | V20         | V22 | V2G | V2E | U.S. Customs Service                                | 380 | 382 | 38G | 38E |
| Bureau of Indian Affairs             | V30         | V32 | V3G | V3E | U.S. Secret Service                                 | 390 | 392 | 39G | 39E |
| Bureau of Reclamation                | V40         | V42 | V4G | V4E | White House   | 410 | 412 | 41G | 41E |
| National Park Service                | V50         | V52 | V5G | V5E | Communications Agency                               |     |     |     |     |
| U.S. Forest Service                  | V60         | V62 | V6G | V6E | Public Health Service                               | 420 | 422 | 42G | 42E |
| U.S. Coast Guard                     | V70         | V72 | V7G | V7E | I.R.S.  | 430 | 432 | 43G | 43E |
| Dept. of Transportation              | V80         | V82 | V8G | V8E | National Weather Service                            | 440 | 442 | 44G | 44E |
| Various Power Admin's.               | V90         | V92 | V9G | V9E | National Oceanographic & Atmospheric Administration | 450 | 452 | 45G | 45E |
| U.S. Postal Service                  | 310         | 312 | 31G | 31E | Department of Labor                                 | 460 | 462 | 46G | 46E |
| Veterans Administration              | 320         | 322 | 32G | 32E | Agency for International Development                | 470 | 472 | 47G | 47E |
| Drug Enforcement Admin.              | 330         | 332 | 33G | 33E | Embassies/State Department                          | 480 | 482 | 48G | 48E |
| F.B.I.                               | 340         | 342 | 34G | 34E | Other Non-Defense                                   | 490 | 492 | 49G | 49E |
| U.S. Marshalls                       | 350         | 352 | 35G | 35E |   |     |     |     |     |
| Immigration & Naturalization Service | 360         | 362 | 36G | 36E |   |     |     |     |     |

## HAZARDOUS ATMOSPHERE CATEGORIES

**Typical certification information is shown herein. See product data sheets for actual product specifications.** Selected portable radios with appropriate factory installed options are certified as Intrinsically Safe for use in Division 1 Class I, hazardous locations in the presence of Gas Groups C and D atmospheres, Class II hazardous locations in the presence of Gas Groups E, F, and G atmospheres, Class III hazardous locations, and as **Nonincendive** for use in Division 2, Class I hazardous locations in the presence of Gas Groups A, B, C, and D.

### INTRINSICALLY SAFE

Electrical equipment that is incapable of releasing sufficient electrical or thermal energy under normal or abnormal operating conditions to cause ignition of a specific hazardous mixture and air.

### NON-INCENDIVE

Electrical equipment that is incapable of releasing sufficient electrical or thermal energy under normal operating conditions only which cause ignition of a specific hazardous mixture and air.

**Class I, Division 1.** A Class I, Division 1 location is a location: (1) in which hazardous concentrations of flammable gases or vapors exist continuously, intermittently, or periodically under normal operating conditions; or (2) in which hazardous concentrations of such gases or vapors may exist frequently because of repair or maintenance operations or because of leakage; or (3) in which breakdown or faulty operation of equipment or processes that might release hazardous concentrations of flammable gases or vapors, and might also cause simultaneous failure of electric equipment.

**Class I, Division 2.** A Class I, Division 2 location is a location: (1) in which volatile flammable liquids or flammable gases are handled, processed, or used, but in which the hazardous liquids, vapors, or gases will normally be confined within closed containers or closed systems from which they can escape only in case of accidental rupture or breakdown of such containers or systems, or in case of abnormal operation of equipment; or (2) in which hazardous concentration of gases or vapors are normally prevented by positive mechanical ventilation, and which might become hazardous through failure or abnormal operation of the ventilating equipment; or (3) that is adjacent to a Class I, Division 1 location, and to which hazardous concentrations of gases or vapors might occasionally be communicated unless such communication is prevented by adequate positive-pressure ventilation from a source of clear air, and effective safeguards against ventilation failure are provided.

**Class II, Division 1.** A Class II, Division 1 location is a location: (1) in which combustible dust is or may be in suspension in the air continuously, intermittently, or periodically under normal operating conditions, in quantities sufficient to produce explosive or ignitable mixtures; or (2) where mechanical failure or abnormal operation of machinery or equipment might cause such explosive or ignitable mixtures to be produced, and might also provide a source of ignition through simultaneous failure of electric equipment, operation of protection devices or from other causes; or (3) in which combustible dusts of an electrically conductive nature may be present.

**Class II, Division 2.** A Class II, Division 2 location is a location in which combustible dust will not normally be in suspension in the air or will not be likely to be thrown into suspension by the normal operation of equipment or apparatus in quantities sufficient to produce explosive or ignitable mixtures, but: (1) where deposits or accumulations of such combustible dust may be sufficient to interfere with the safe dissipation of heat from electric equipment or apparatus; (2) where such deposits or accumulations of combustible dust on, in, or in the vicinity of electric equipment might be ignited by arcs, sparks, or burning material from such equipment.

**Class III, Divisions 1 & 2.** Class III locations are those which are hazardous because of the presence of ignitable fibers or flyings. Equipment listed for installation in Class III locations is designed to exclude the fibers and flyings from the equipment enclosure and to function without developing excessive surface temperatures.

### Group C Atmospheres – Chemical

|                 |                                |
|-----------------|--------------------------------|
| acetaldehyde    | ethylenimine                   |
| allyl alcohol   | ethyl mercaptan                |
| n-butyraldehyde | ethyl sulfide                  |
| carbon monoxide | hydrogen cyanide               |
| crotonaldehyde  | hydrogen sulfide               |
| cyclopropane    | morpholine                     |
| diethyl ether   | 2-nitropropane                 |
| diethylamine    | tetrahydrofuran                |
| epichlorohydrin | unsymmetrical dimethyl         |
| ethylene        | (UDMH 1, 1-dimethyl hydrazine) |

### Group D Atmospheres – Chemical

|                                     |  |
|-------------------------------------|--|
| acetic acid (glacial)               | methane (natural gas)                        |
| acetone                             | methanol (methyl alcohol)                    |
| acrylonitrile                       | 3-methyl-1-butanol (isoamyl alcohol)         |
| ammonia <sup>1</sup>                | methyl ethyl ketone                          |
| benzene                             | methyl isobutyl ketone                       |
| butane                              | 2-methyl-1-propanol (isobutyl alcohol)       |
| 1-butanol (butyl alcohol)           | 2-methyl-2-propanol (tertiary butyl alcohol) |
| 2-butanol (secondary butyl alcohol) | petroleum naphtha <sup>2</sup>               |
| n-butyl acetate                     | pyridine                                     |
| isobutyl acetate                    | octanes                                      |
| di-isobutylene                      | pentanes                                     |
| ethane                              | 1-pentanol (amyl alcohol)                    |
| ethanol (ethyl alcohol)             | propane                                      |
| ethyl acetate                       | 1-propanol (propyl alcohol)                  |
| ethyl acrylate (inhibited)          | 2-propanol (isopropyl alcohol)               |
| ethylene diamine (anhydrous)        | propylene                                    |
| ethylene dichloride                 | styrene                                      |
| ethylene glycol monomethyl ether    | toluene                                      |
| gasoline                            | vinyl acetate                                |
| heptanes                            | vinyl chloride                               |
| hexanes                             | xylenes                                      |
| isoprene                            |  |
| isopropyl ether                     |  |
| mesityl oxide                       |  |

<sup>1</sup> For classification of areas involving ammonia atmosphere, see Safety Code for Mechanical Refrigeration (ANSI/ASHRAE 15-1978) and Safety Requirements for the storage and handling of Anhydrous Ammonia (ANSI/CGA G2.1-1972).

<sup>2</sup> A saturated hydrocarbon mixture boiling in the range 20-135°C (68-275°F). Also known by the synonyms benzene, ligroin, petroleum ether, or naphtha.

### Group E Atmospheres

Atmospheres containing metal dust, including aluminum, magnesium, and their commercial alloys, and other metals of similarly hazardous characteristics.

### Group F Atmospheres

Atmospheres containing carbon black, charcoal or coke dusts which have more than 8 percent total volatile material (carbon black per ASTM D1620, charcoal, coal and coke dusts per ASTM D271) or atmospheres containing these dusts sensitized by other materials so that they represent an explosion hazard.

### Group G Atmospheres

Atmospheres containing flour, starch, grain, or combustible plastics or chemical dusts.

**Explanation of the classes, divisions and atmospheres above can be found in Article 500 of the National Electrical Code.**

## CUSTOMER CONTACT INFORMATION

### Customer Care

| UNITED STATES                                  | INTERNATIONAL/CANADA   |
|--|--|
| 1-800-368-3277 (telephone)                     | 1-434-455-6403 (telephone)   |
| 1-321-409-4393 (fax)                           | 1-321-409-4394 (fax)   |
| PSPC_CustomerFocus@L3Harris.com (U.S. email)   | PSPC_InternationalCustomerFocus@L3Harris.com (International email) |
| FEDERAL  |  |
| 1-800-368-3277 (telephone)                     |  |
| 1-321-409-4393 (fax)                           |  |
| PSPC_FedCustFocus@L3Harris.com (Federal email) |  |

### Technical Assistance Center (TAC)

| UNITED STATES/CANADA          | INTERNATIONAL                 |
|-------------------------------|-------------------------------|
| 1-800-528-7711 (telephone)    | 1-434-385-2400 (telephone)    |
| 1-434-455-6712 (fax)          | 1-434-455-6712 (fax)          |
| PSPC_TAC@L3Harris.com (email) | PSPC_TAC@L3Harris.com (email) |

### Technical Training

| UNITED STATES/CANADA               | INTERNATIONAL                      |
|------------------------------------|------------------------------------|
| 1-434-385-2814 (telephone)         | 1-434-385-2814 (telephone)         |
| 1-434-455-6788 (fax)               | 1-434-455-6788 (fax)               |
| sandy.robbins@L3Harris.com (email) | sandy.robbins@L3Harris.com (email) |

**MAILING ADDRESS:**

L3Harris Technologies  
 Public Safety and Professional Communications  
 221 Jefferson Ridge Parkway  
 Lynchburg, VA 24501

**ATTENTION:** \_\_\_\_\_

(Appropriate Department)

FOR APPLICATION IN THE USA ONLY  
**CUSTOMER FINANCIAL SERVICES**

| NAME            | FUNCTION                         | TELEPHONE    | FAX          |
|-----------------|----------------------------------|--------------|--------------|
| Meagan Bigham   | Senior Director, Finance         | 434-455-6713 | 434-455-6772 |
| Marlene Streath | Manager, Bids & Proposal Finance | 434-455-9286 | 434-455-6772 |

**MAILING ADDRESS:**

L3Harris Technologies  
Public Safety and Professional Communications  
221 Jefferson Ridge Parkway  
Lynchburg, VA 24501

**ATTENTION:** \_\_\_\_\_  
(Appropriate Department)

## FOR APPLICATION IN THE USA ONLY

### STANDARD PAYMENT TERMS AND FINANCING PLANS

Any deviation from “standard terms” must have prior approval by the appropriate managers (Vice President/ Director) and the business segment financial manager or Business Services Financial Manager before being quoted or obtaining a signed order from the purchaser. All orders are subject to acceptance at Lynchburg, Virginia.

#### OPEN ACCOUNT TERMS

1. Products & Services - Net 15 and Net 30 days from invoice date.
2. Systems - Core Products:
  - A - Under \$100K    Net 30 terms
  - B - \$100K or over    90% Net 30  
10% Acceptance
3. Trunking:
  - 20% Deposit
  - 10% Customer Design Review
  - 65% Net 30
  - 5% Acceptance

#### LATE CHARGES

If invoices are not paid when due, Late Charges will be assessed to the account at the legal rate allowed (usually 1.5% monthly) on the unpaid delinquent balance. Late Charges are due in full at the time of settlement.

#### CASH ON DELIVERY (COD)

- Order must be signed, and 10% deposit required.
- Shipment must be direct to the customer.
- Carrier will require payment in the form of CASH, CASHIERS or CERTIFIED CHECK.

#### CASH WITH ORDER (CWO)

- Check must be for the total order value including tax and any premium freight charges.

#### REGULAR AND STANDBY LETTER OF CREDIT

- Letters of Credit are a guarantee of payment on account by the issuing Bank. This is a Credit/Sales tool used to open up new or marginal accounts until a satisfactory pay record has been established.

#### END USER FINANCING

Tax exempt financing for qualified end users acquiring L3Harris equipment and services is available through PNC Equipment Finance. Sales Contact information is available on the L3Harris website.

**FOR APPLICATION IN THE USA ONLY**  
**ORDER ACCEPTANCE AND DOCUMENTATION**

- All orders are subject to the most current version of L3Harris Technologies' Standard Terms and Conditions of Sale.
- ALL orders require Credit review and approval. Do Not release any "consignment" equipment until the order is approved.
- When placing an order on our Equipment Order Form, the exact legal name of the business must be shown along with the title or position of the person signing. If the customer elects to use his or her company's purchase order form in lieu of signing our order forms, the purchase order must show the following:
  1. PO must be made out to "L3Harris."
  2. Terms of payment must be indicated.
  3. A "ship to" address must be indicated.
  4. Total amount of the order must be indicated.
  5. Contract or PO is signed by the customer and authorized L3Harris personnel.
  6. Contract or order represents an irrevocable notice to proceed.
  7. All required frequencies have been licensed.
  8. Description of products being sold is stated.
  9. Estimated date of delivery is defined.

All orders and related documents are legal agreements between the customer and L3Harris. Any deficiencies in these documents can seriously jeopardize our ability to enforce the contract. Any changes or alterations on the L3Harris order forms or the customer's purchase order must be initialed by the customer.

A copy of the proposal and/or bid specifications, including payment terms and conditions of sale, must accompany our Equipment Order Form on all orders resulting from Bids and Proposals.

- All orders are subject to acceptance at Lynchburg, Virginia. In the event acceptance of a proposal by the customer would bind the company upon such acceptance by the customer, credit review and approval of the proposal must be obtained in advance.

**FOR APPLICATION OUTSIDE THE USA**

- Any order which does not comply with the international standard terms and conditions (including all orders submitted on customer purchase order forms) is subject to review and written acceptance by L3Harris Technologies at Lynchburg, Virginia.
- Should payment be by letter-of-credit, then it must:
  1. Be confirmed and irrevocable.
  2. Be placed on a major US bank.
  3. Have all banking charges the responsibility of the applicant.
  4. Stipulate payment on sight.
  5. Have an expiration date sufficient to allow manufacture of equipment.
  6. Be subject to acceptance at Lynchburg, Virginia.

**SALES TO LEASING COMPANIES**

Communication equipment may be sold direct to a Leasing Company providing a financing service for an end user subject to the following:

- The order must identify the end user for warranty purposes.
- Equipment cannot be sold to a Leasing Company owned or controlled by a Dealer.

- A 10% deposit from the Leasing Company is required with the order.
- The order should be written on our Equipment Order Form and signed by an authorized officer. Purchase orders direct from a Leasing Company in lieu of a signed Equipment Order Form are subject to review and acceptance of terms and conditions, i.e. payment, delivery, cancellation, warranty, etc.

### CUSTOMER CREDIT APPLICATION

L3Harris Technologies  
Public Safety and Professional Communications  
Attn: Customer Financial Services  
221 Jefferson Ridge Parkway  
Lynchburg, VA 24501

CUSTOMER LEGAL NAME: \_\_\_\_\_

COMPLETE STREET ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

FOR THE PURPOSE OF ESTABLISHING CREDIT, WE/I SUBMIT THE FOLLOWING DATA: \_\_\_\_\_

1. ANTICIPATED CREDIT REQUIREMENTS: \$ \_\_\_\_\_

2. BUSINESS STARTED (MO/YR): \_\_\_\_\_ TYPE BUSINESS: \_\_\_\_\_

3. BUSINESS IS A \_\_\_\_\_ CORPORATION \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ PROPRIETORSHIP \_\_\_\_\_

4. NAMES OF OFFICERS, PARTNERS OR OWNER(S):

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

5. BANK REFERENCE:

NAME: \_\_\_\_\_ ACCT. # \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ CONTACT: \_\_\_\_\_

6. TRADE REFERENCES (NO CREDIT CARD):

NAME: \_\_\_\_\_ ACCT. # \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ CONTACT: \_\_\_\_\_

NAME: \_\_\_\_\_ ACCT. # \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ CONTACT: \_\_\_\_\_

NAME: \_\_\_\_\_ ACCT. # \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ CONTACT: \_\_\_\_\_

PLEASE ATTACH A COPY OF YOUR LATEST BALANCE SHEET AND P&L STATEMENTS WHICH WILL BE HELD IN STRICT CONFIDENCE AND USED ONLY FOR CREDIT PURPOSES.

SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

FOR APPLICATION IN THE USA ONLY  
**UNIFORM COMMERCIAL CODE (UCC-1)  
FINANCING STATEMENT**

**PURPOSE**

- To be filed/recorded with the Secretary of State and/or local County Clerk to perfect a security interest (lien) on the equipment being financed.

**REQUIRED FOR**

- All financing terms excluding the Equity Lease for Governmental Agencies.

**COMPLETING THE UCC-1 FORM**

- Most states require the UCC-1 form to be typed.
- Use complete legal name and address of the purchaser (same as on the contract).
- Secured Party is: L3Harris Technologies, Public Safety and Professional Communications, P.O. Box 2000, Lynchburg, VA 24501. (Will be signed in Lynchburg, Virginia.)

- List quantity and description of major items of equipment.
- Purchaser must sign (same as on the contract).

**WHICH FORMS TO USE AND HOW MANY**

- The next page contains a list by state showing the UCC-1 requirements. The requirements for filing are determined by each state and subject to change, therefore additional documentation could be required to perfect our security interest.



**FOR APPLICATION IN THE USA ONLY**  
**UNIFORM COMMERCIAL CODE (UCC-1)**

| <b>State</b>         | <b>Form Required</b>  | <b>Copies Required</b> |
|----------------------|-----------------------|------------------------|
| Alabama              | Standard              | 1                      |
| Alaska               | Alaska                | 1                      |
| Arizona              | Arizona Only          | 1                      |
| Arkansas             | Standard              | 2                      |
| California           | California Only       | 1                      |
| Colorado             | Standard              | 1                      |
| Connecticut          | Standard              | 1                      |
| Delaware             | Standard              | 1                      |
| District of Columbia | Standard              | 1                      |
| Florida              | Florida Only          | 1                      |
| Georgia              | Standard              | 1                      |
| Hawaii               | Hawaii Only           | 1                      |
| Idaho                | Standard              | 1                      |
| Illinois             | Illinois Only         | 1                      |
| Indiana              | Standard              | 1                      |
| Iowa                 | Standard              | 1                      |
| Kansas               | Standard              | 1                      |
| Kentucky             | Standard              | 1                      |
| Louisiana            | Chattel Mortgage Only | NA                     |
| Maine                | Standard              | 1                      |
| Maryland             | Maryland Only         | 2                      |
| Massachusetts        | Standard              | 2                      |
| Michigan             | Michigan              | 1                      |
| Minnesota            | Minnesota Only        | 1                      |
| Mississippi          | Mississippi           | 2                      |
| Missouri             | Standard              | 2                      |
| Montana              | Standard              | 1                      |
| Nebraska             | Standard              | 1                      |
| Nevada               | Nevada Only           | 2                      |
| New Hampshire        | Standard              | 2                      |
| New Jersey           | New Jersey            | 1                      |
| New Mexico           | Standard              | 1                      |
| New York             | New York              | 2                      |
| North Carolina       | Standard              | 2                      |
| North Dakota         | Standard              | 1                      |
| Ohio                 | Standard              | 2                      |
| Oklahoma             | Standard              | 1                      |
| Oregon               | Oregon                | 1                      |
| Pennsylvania         | Pennsylvania Only     | 2                      |
| Rhode Island         | Standard              | 1                      |
| South Carolina       | Standard              | 1                      |
| South Dakota         | Standard              | 1                      |
| Tennessee            | Standard              | 1                      |
| Texas                | Texas Only            | 1                      |
| Utah                 | Utah                  | 1                      |
| Vermont              | Standard              | 2                      |
| Virginia             | Virginia Only         | 2                      |
| Washington           | Washington Only       | 1                      |
| West Virginia        | Standard              | 2                      |
| Wisconsin            | Standard              | 1                      |
| Wyoming              | Standard              | 1                      |

*This page intentionally blank*

## L3HARRIS DEVICE MANAGEMENT

Product Code: RE

L3Harris Device Management provides users a fast and easy way to program XL radios through Wi-Fi® and LTE, and then track that information back into a centralized database.

For radio administrators, L3Harris Device Management:

- Eliminates the hassle of physical boundaries and wires needed to program radios
- Reduces total cost of ownership of devices by minimizing in-field technician programming
- Manages all devices remotely with an easy-to-use, secure, cloud-based application

### Device Management Components

#### Annual Licensing - Subscription Months

XL radios using device management will require an annual license per device that breaks down into Subscription Months. A Subscription Month is needed for any functionality beyond viewing within the Device Management application. The number of Subscription Months purchased is calculated by the number of devices in a fleet multiplied by the number of months in the years purchased. Once purchased, Subscription Months are pooled per customer and available until used by active devices.

#### Device Management Web Application

Access Device Management through a secure login in our intuitive web application. The radio administrator's job of managing programming for multiple devices becomes easier and more effective with this application. The application provides a host of features that improve department or agency productivity while reducing costs.

Device Management features include:

- Job creation to program firmware, personalities, voice annunciation files, and/or radio encryption modules into radios
- Radio collections to keep similar radios together to make for easier programming
- Detailed information about each radio to help track radio code or personality revisions
- Reporting capabilities on radios or programming activity
- Intuitive bundling capabilities to send multiple files to multiple radios at one time
- Personality overrides to send one personality to multiple devices with different Unit IDs

### Device Management Benefits

L3Harris provides a user-friendly, cost effective way of programming and managing XL radios.

- **Total cost of ownership savings.** Simplify radio programming and remove physical boundaries by remotely updating radios, reducing in-field technician programming and lowering costs
- **Visibility into radios.** The powerful Device Management application provides administrators with insightful radio details to know when devices need to be updated to maintain top performance
- **Ready-to-go convenience.** All radios produced after May 1, 2020 come DM ready, making it possible to avoid physically touching the radios for setup before deployment

Options for Device Management are included on the catalog pages for the XL radio family and for Terminal Managed Services.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



*This page intentionally blank*

## TERMINAL MANAGED SERVICES

The body-worn and mobile radio devices used by First Responder, Utility, and Transportation personnel provide the critical communications resources that are vital in maintaining user and community safety. Organizations need to maximize the lifespan and operational efficiency of these devices through a comprehensive maintenance plan. L3Harris offers three service tiers for XL Portable and Mobile radios to help customers keep their complex critical communications devices operating at peak performance. L3Harris also creates custom plans that are tailored to meet an organization’s unique requirements. Customers select the plan that works best for their organization, budget, and resource strategy.

| <b>PSPC XL Terminal Managed Services At-a-Glance</b> |  |                   |                   |
|--|--|-------------------|-------------------|
|  | TERMINALS ASSIST                               | TERMINALS PARTNER | TERMINALS MANAGED |
| Extended XL Warranty                                 | Preferred Technical Support (8x5)              | ✓                 |                   |
|  | Standard Repair Services                       | ✓                 | ✓                 |
|  | Software Managed Services                      | ✓                 | ✓                 |
|  | Premium Technical Support (24x7)               | ✓                 | ✓                 |
|  | Annual Preventive Maintenance and Tune Up      | ✓                 | ✓                 |
|  | HTU, Virtual and Classroom Training            | Available Option  |                   |
|  | Expedited Repair Services                      |                   | ✓                 |
|  | SMS Installation                               |                   | ✓                 |
|  | On Site Training                               |                   | ✓                 |
|  | Fleet Database Updates for new terminals (UAS) |                   | ✓                 |
|  | On-site radio programming (RPM2)               |                   | ✓                 |
|  | Device Management                              | Available Option  | Available Option  |
|  | On Demand Services                             | Available Option  | Available Option  |

### Terminals ASSIST

The L3Harris Terminals ASSIST level of support for XL radio devices provides the same features which customers receive under the radio’s warranty period, ensuring that user gear operates at its peak performance level:

- Preferred Technical Support
- Standard Repair Services
- Software Managed Services (SMS)

### Preferred Technical Support

Continuous operation of a system providing critical communications leads customers to recognize the importance of having assistance of technical experts to assist with resolving device issues. When radio questions arise, the personnel responsible for maintaining communications are reassured when they have technical expertise available to assist. Preferred Technical Support provides this assurance on an 8x5 workday basis with toll-free phone access to L3Harris’ Technical Assistance Center (TAC). Support is on a first-in, first-out basis with a commitment to contact the customers via return phone, email, or fax no later than the next business day. Preferred TAC Support is available via telephone from 8 AM to 5 PM Monday through Friday, excluding holidays. All North American time zones are covered by Preferred TAC Support. Communications received after hours will receive attention the next business day.

## TERMINAL MANAGED SERVICES

TAC is available to support customers with answers to technical and user support questions about operations, programming, software, maintenance, and troubleshooting issues. Users also have self-service access to the L3Harris Tech-Link website which offers a variety of technical information, technical bulletins, and manuals with search engine support. Calls to TAC are logged and assigned a tracking number for more efficient handling of each specific situation and are added to our knowledge base to quickly resolve any future issues efficiently.

TAC services provide key benefits such as

- Toll-free telephone access to TAC for year-round support
- Technical assistance on L3Harris terminal equipment
- One-hour guaranteed callback window for emergency off-air calls
- All-Access subscription to the online L3Harris Tech-Link website, a complete library of technical resources and product information
- TAC coordination with on-site service personnel when necessary

### Standard Repair Services

L3Harris provides repair services for XL portable and mobile radios. L3Harris will perform operational checks to determine the nature of the problem and repairs required. After repairs are completed, functionality tests are run to validate the updates. This cost-effective program is tailored for the Terminals ASSIST program and returns the repaired radio within approximately ten working days from receipt at the L3Harris repair facility. Flat-rate repairs allow customers to budget their repair costs. Pricing applies to units that are defective through normal wear and usage.

### Factory Repair and Return Ordering Instructions

Contact L3Harris' Customer Care Center to request a Return Material Authorization (RMA) number for items being returned to L3Harris Technologies for repair:

|                   |                              |  |
|-------------------|------------------------------|--|
| <b>Telephone:</b> | U.S.                         | 1-800-368-3277                               |
|                   | International and Canada     | 1-434-455-6403                               |
| <b>Fax:</b>       | U.S.                         | 1-321-409-4393                               |
|                   | International and Canada     | 1-321-409-4394                               |
| <b>Email:</b>     | U.S. Customers Only          | PSPC_CustomerFocus@L3Harris.com              |
|                   | International Customers Only | PSPC_InternationalCustomerFocus@L3Harris.com |

Domestic customers may request a repair RMA by completing the form located at the link below.

<https://www.l3harris.com/all-capabilities/pspc-customer-care>

All returns must be authorized by Customer Care for issuance of a Return Material Authorization prior to sending any material for repair.

## TERMINAL MANAGED SERVICES

### Software Managed Services

Software Managed Services (SMS) for terminals provides issue resolution releases for XL radios when a customer calls the Technical Assistance Center with an issue. TAC will validate the issue and if an XL radio software release is available which resolves the problem, this will be provided as part of the SMS program. These releases may also contain improvements and enhancements for current generation radio software as well as occasional new product capability and the ability to enable licensed features. Keeping terminal and system infrastructure software up to date is vital to maintaining the value of the initial purchases so future capabilities such as Mission Critical PTT (MCPTT) can be deployed to the system’s users. Under L3Harris Service Assist SMS, customers will receive:

- Software releases for radio terminals to resolve issues
- Software release notes and features summary with each release
- Terminal configuration audit performed with initial subscription
- Current releases as supported by the Customer radio hardware at enrollment
- Software installation support from the PTS service
- Software replacement services if media becomes corrupt or damaged
- Enhancements for existing features may be included in the issue resolution release.
- New features built upon earlier generations of software capability to enable new licensed features may be included in the issue resolution release.

| E/C                      | Model No. | List Price \$ | Description                              |
|--------------------------|-----------|---------------|--|
| <b>Warranty*</b>         |           |               |  |
| <b>XL-400P Portables</b> |           |               |  |
| N                        | XF-Y1EWP  | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL400P |
| N                        | XF-Y2EWP  | 200.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL400P |
| N                        | XF-Y3EWP  | 250.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL400P |
| <b>XL-200P Portables</b> |           |               |  |
| N                        | XL-Y1EWP  | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL200P |
| N                        | XL-Y2EWP  | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL200P |
| N                        | XL-Y3EWP  | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL200P |
| <b>XL-185P Portables</b> |           |               |  |
| N                        | XS-Y1EWP  | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL185P |
| N                        | XS-Y2EWP  | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL185P |
| N                        | XS-Y3EWP  | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL185P |
| <b>XL-150P Portables</b> |           |               |  |
| N                        | XV-Y1EWP  | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL150P |
| N                        | XV-Y2EWP  | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL150P |
| N                        | XV-Y3EWP  | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL150P |
| <b>XL-95P Portables</b>  |           |               |  |
| N                        | XN-Y1EWP  | 110.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL95P  |
| N                        | XN-Y2EWP  | 160.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL95P  |
| N                        | XN-Y3EWP  | 200.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL95P  |

\*Includes one year of Device Management.

## TERMINAL MANAGED SERVICES

| E/C                       | Model No. | List Price \$ | Description                              |
|---------------------------|-----------|---------------|--|
| <b>Warranty (Cont'd)*</b> |           |               |  |
| <b>XL-45P Portables</b>   |           |               |  |
| N                         | XK-Y1EWP  | 110.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL45P  |
| N                         | XK-Y2EWP  | 160.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL45P  |
| N                         | XK-Y3EWP  | 200.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL45P  |
| <b>XL-200M Mobiles</b>    |           |               |  |
| N                         | XZ-Y1EWP  | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL200M |
| N                         | XZ-Y2EWP  | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL200M |
| N                         | XZ-Y3EWP  | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL200M |
| <b>XL-185M Mobiles</b>    |           |               |  |
| N                         | XT-Y1EWP  | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL185M |
| N                         | XT-Y2EWP  | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL185M |
| N                         | XT-Y3EWP  | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL185M |
| <b>XL-85M Mobiles</b>     |           |               |  |
| N                         | XQ-Y1EWP  | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL85M  |
| N                         | XQ-Y2EWP  | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL85M  |
| N                         | XQ-Y3EWP  | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL85M  |

\*Includes one year of Device Management.

### Terminal ASSIST Optional Services

The Terminal ASSIST package can also be tailored by adding the service below.

#### On-Demand Services

L3Harris and our customers collaborate to decide the appropriate level of service for each system's specific needs. However, a situation may arise where a needed service is not part of the original scope of work. L3Harris' experienced personnel will quickly respond to the need and provide customers with a quote for services on a time-and-material basis.

As an example, On-Demand Services may include

- Installation or removal of mobile radio equipment after the initial installation
- Repair of radio equipment damaged by vandalism, abuse, or physical neglect
- Rapid reprogramming or deployment of additional radios due to an unplanned event such as a hurricane

#### Device Management

Device Management is an available option in the Assist and Partner tiers and is included in the Managed tier of Terminal Managed Services.

Device Management allows users to remotely program XL Portables and Mobiles using the radio's Wi-Fi® or LTE broadband connection. This simple to use, cloud-based application significantly reduces programming and field technician time, resulting in a reduced Total Cost of Ownership (TCO) for your radio fleet.

| E/C                       | Model No. | List Price \$ | Description                     |
|---------------------------|-----------|---------------|---------------------------------|
| <b>Device Management*</b> |           |               |                                 |
| L                         | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION |
| L                         | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION |
| L                         | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION |
| L                         | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION |

\*Mobile radios require Enterprise Wi-Fi or LTE to utilize Device Management.



## TERMINAL MANAGED SERVICES

### Terminals PARTNER

The Terminals PARTNER program includes the Standard Repair Service discussed above in the Terminals ASSIST package, as well as Annual Preventive Radio Maintenance and Tune-Up and Premium Technical Support in place of the standard level of support, and a choice of either standard open-enrollment training conducted at the L3Harris Technical Training Center or instructor-led Virtual Classroom training. Additionally, XL radio code updates are provided as part of the Terminal Partner program (for features which have been licensed by the customer).

### Premium Technical Support

Premium Technical Support (PTS) provides comprehensive support 24 hours per day, 7 days per week, 365 days per year with toll-free phone access to L3Harris' Technical Assistance Center (TAC). PTS subscriber calls are recognized as a priority and Support Engineers endeavor to provide a response within two hours if a technician is not readily available to answer the call.

### Annual Preventive Maintenance and Tune-Up

As an option to the L3Harris Terminal ASSIST program, customers may choose to have L3Harris technicians perform preventive maintenance on terminals on an annual basis. Preventive maintenance includes scheduled tests, inspections, and alignment on a customer's radio equipment to ensure that the terminals meet L3Harris specifications and are compliant with FCC regulations.

As part of this service, L3Harris will

- Use calibrated test equipment for a consistent baseline
- Tune and align terminals to optimize performance, including testing of the reference oscillator, transmit power and receive sensitivity, and squelch
- Inspect overall radio hardware elements such as knobs, buttons, switches, gaskets, display, and accessory connections, and draft a report on recommended replacements. If radios are under L3Harris warranty, covered equipment will be replaced at no charge.
- Review the work schedule with the customer in advance of the maintenance window
- Perform preventive maintenance during hours agreed upon by the customer and L3Harris
- Summarize completed work in a written report

### Terminals PARTNER Optional Services

The Terminal PARTNER package can also be tailored by adding the training services below.

### L3Harris Terminal Training

Training is important to maintain and enhance the knowledge and skills of personnel who have the responsibility to operate, program, and/or maintain terminal products. L3Harris provides technical training so that customer personnel can meet their responsibilities. As part of the L3Harris Terminals PARTNER program, the customer can select either standard open-enrollment training conducted at the L3Harris Technical Training Center or instructor-led virtual classroom training or as described in the following section.

## TERMINAL MANAGED SERVICES

### Standard Open-Enrollment Training

L3Harris will provide tuition for two (2) seats in standard open-enrollment training courses regularly scheduled for delivery at the Technical Training Center in Lynchburg, Virginia. The two seats can be used by the same individual or shared between two individuals for the following courses:

- RF Test & Troubleshooting
- XL-200P Radio Programming & Operation
- XL-200P Radio Maintenance
- OMAP Portable Radio Maintenance
- OMAP Mobile Radio Maintenance
- Any future developed radio maintenance course (e.g., XL-200M)

The customer is responsible for student travel and living expenses.

### Virtual Classroom Training

The virtual classroom environment is ideal for transferring knowledge when hands-on instruction is not required and provides a cost-effective option by eliminating travel and living expenses for the instructor or students.

Features include the following:

- The instructor can share assorted media such as PowerPoint presentations and videos, as well as radio system applications such as Radio Personality Manager 2 (RPM2)
- The instructor and students interact using notes, Q&A, chat, polling, and a virtual whiteboard
- The instructor and students can share their screens
- Audio is provided through VoIP and/or telephone

L3Harris will conduct two (2) four-hour customized virtual classroom training sessions delivered over two (2) consecutive days. The subject matter, training dates, and times will be mutually agreed upon between the customer and the L3Harris Training Manager. The maximum class size is twelve (12) participants.

### Terminals MANAGED

The Terminals MANAGED level of support includes the standard items discussed above in the Terminals ASSIST and Terminals PARTNER packages as well as Expedited Repair Services, Software Managed Service (SMS) Installation, On-Site Training (with Traditional Classroom and Virtual Classroom training available as options for an additional fee), Fleet Database Updates for New Terminals, and On-Site Radio Programming (RPM2).

### Expedited Repair Services

L3Harris provides repair services for all L3Harris-branded portable and mobile radios. L3Harris will perform operational checks to determine the nature of the problem and repairs required. After repairs are completed, functionality tests are run to validate the updates. This cost-effective flat-rate repair program is tailored for the Terminals MANAGED program and returns the repaired radio within approximately five working days from receipt at the L3Harris repair facility. Flat-rate repairs allow customers to budget their repair costs. Pricing applies to units that are defective through normal wear and usage.

## TERMINAL MANAGED SERVICES

### Software Managed Services (SMS) Installation

L3Harris technicians will manage the installation of new terminal software provided under the Software Managed Service program. As part of this service, L3Harris will

- Ensure that radios continue to function at peak performance by installing the Software Managed Service updates
- Provide an installation schedule and approximate completion times
- Provide a Summary Report of actions

### On-Site Training

As part of the L3Harris Terminals MANAGED program, L3Harris will provide the customer with three (3) days of customized on-site training. The scope of the training will be mutually agreed upon between the customer and the L3Harris Training Manager and will be limited to terminal product operation, programming, and/or maintenance topics.

The training will be conducted at a facility provided by the customer, who is also responsible for providing the tools and equipment to support the hands-on portion of the training. The training will be conducted on mutually agreed upon dates and times for up to ten (10) participants.

Additional training options are available from L3Harris and can be added to any contract as desired for an extra cost. Training courses can be delivered in several formats:

- Virtual classroom training is ideal for transferring knowledge when hands-on instruction is not required and provides customers with a cost savings by eliminating travel and living expenses for the instructor or students
- Traditional classroom training is used to conduct system planning workshops, train on radio operation and maintenance, and perform hands-on instruction. This training occurs at the L3Harris Technical Training Center in Lynchburg, Virginia or on-site at a customer facility.

### Fleet Database Updates for New Terminals

When a new agency joins a system with a large number of radios and talkgroups, L3Harris engineers can assist to update the administration system to rapidly bring the users on-line. Once the customer has defined the fleet structure and Unit IDs, L3Harris can remotely access the Administration application to complete the addition of the records. This includes entering the customer-defined information for

- New Agencies and their policies, if applicable
- Talkgroup Profiles and Personalities
- Talkgroup Property and Priority Classes
- Coverage for both Units and Groups
- Unit and Group Records
- Entering Defined Unit Privileges

This is provided as an annual service by L3Harris but can be negotiated to be performed more frequently as desired by the customer.

## TERMINAL MANAGED SERVICES

### On-Site Radio Programming

When a new system is being deployed or a large number of additional radios must be programmed for use on an existing system, L3Harris technicians will travel to the customer's location to program the radios and rapidly bring the users on-line. If there are situations where a small number of radios must be programmed, L3Harris will work with each customer to define a process for L3Harris to provide this service. This may include the customer bringing the radios to an agreed upon service location for programming or shipping the radios to an L3Harris facility to complete the process. L3Harris will provide a business-hours schedule for the programming service and a summary report when the process has been completed.

### Non-XL Radio Services

For non-XL terminals, L3Harris offers software updates for issue resolutions through the Priority Tech-Link service. Priority Tech-Link provides access to L3Harris technical manuals and purchasing a subscription will give a customer access to non-XL terminal software updates once the customer contacts TAC with a validated issue.

| E/C | Model No.  | List Price \$ | Description                 |
|-----|------------|---------------|-----------------------------|
| N   | MAYR-NGE2A | 3,000.00      | SERVICE, PRIORITY TECH-LINK |

### Terminals Services Ordering Information

Call the L3Harris Technical Assistance Center to begin the quoting process for one of the Terminal Managed Service tiers for XL terminals or to order Priority Tech-Link for non-XL terminals.

1-800-528-7711 in the U.S. and Canada

1-434-385-2400 Worldwide.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## INFRASTRUCTURE MANAGED SERVICES

L3Harris offers tiered Infrastructure Managed Services to help customers keep their complex critical communications systems operating at peak performance. With three levels of assistance and multiple high-value offerings, L3Harris makes it easier for users to focus on other tasks while leaving system planning and maintenance to L3Harris. L3Harris also creates custom plans that are tailored to meet an organization’s unique requirements. Customers select the tier that works best for their organization, budget, and resource strategy.

## INFRASTRUCTURE MANAGED SERVICES

| Managed Services At-a-Glance  | SERVICE ASSIST        | SERVICE PARTNER       | SERVICE MANAGED       |
|---|-----------------------|-----------------------|-----------------------|
| OPTION NO.<br>Select from entries below per location<br>(One RF Site, Console Site, or Core Site) | YM-SZ6U               | YM-SZ6V               | YM-SZ6W               |
| <b>Select per Location</b>  | <b>List Price \$*</b> | <b>List Price \$*</b> | <b>List Price \$*</b> |
| 0-4 Channels  | 36,598.00             | 95,690.00             | 114,425.00            |
| 5-8 Channels  | 43,485.00             | 111,526.00            | 130,531.00            |
| 9-12 Channels   | 50,371.00             | 127,361.00            | 146,636.00            |
| 13-16 Channels  | 57,258.00             | 143,197.00            | 162,742.00            |
| 17-20 Channels  | 64,114.00             | 158,914.00            | 178,639.00            |
| <b>Add per Console</b>  | 4,543.00              | 29,593.00             | 32,989.00             |
| <b>Add per Core</b>   | 60,023.00             | 194,303.00            | 220,445.00            |
| <b>Services Included</b>  |                       |                       |                       |
| Depot Standard Repair (YM-SZ2N)   | ✓                     | ✓                     | ✓                     |
| Premium Technical Support (PTS), TAC (YRGS5J)   | ✓                     | ✓                     | ✓                     |
| Premium Technical Support (PTS), Renewal Support (YR-SZ2B)  | ✓                     | ✓                     | ✓                     |
| Security Update Management Services (SUMS+) E-Delivery (YR-SZ9F)                                  | ✓                     | ✓                     | ✓                     |
| Logging Recorder OEM Maintenance (YR-GS5P)  | ✓                     | ✓                     | ✓                     |

\*Per year maintenance support sale price for in-life products (available, supportable, and compatible), continental U.S., in U.S. dollars

## INFRASTRUCTURE MANAGED SERVICES

| Managed Services At-a-Glance                         | SERVICE ASSIST | SERVICE PARTNER | SERVICE MANAGED |
|--|----------------|-----------------|-----------------|
| <b>Services Included (Cont'd)</b>                    |                |                 |                 |
| Software Installation, SUMS+ (YM-SZ2V)               |                | ✓               | ✓               |
| Software Managed Services (SMS) E-Delivery (YR-GS5N) |                | ✓               | ✓               |
| SMS Installation (YM-SZ2W)                           |                | ✓               | ✓               |
| Corrective Maintenance, Onsite Labor (YM-SZ3V)       |                | ✓               | ✓               |
| VIDA® Secure Sentry E-Delivery (YR-SH8L)             |                | ✓               | ✓               |
| VIDA Secure Sentry Installation (YN-SZ9B)            |                | ✓               | ✓               |
| Preventive Maintenance, Standard (YD-SZ4C)           |                |                 | ✓               |
| Preventive Maintenance, Enhanced (YD-SZ4D)           |                |                 | ✓               |
| Cybersecurity Assessments (YB-SZ2F)                  |                |                 | ✓               |

## INFRASTRUCTURE MANAGED SERVICES

### Service ASSIST

For organizations staffed to manage and maintain their own equipment, ASSIST provides key services to reduce the burden to try to “do it all” as well as boost confidence in the condition of the equipment.

### Depot Standard Repair (YM-SZ2N)

L3Harris provides repair services for L3Harris-branded system components such as infrastructure, dispatch, and site equipment. This cost-effective repair program allows customers to budget their repair costs. Pricing applies to equipment that is defective through normal wear and usage. After the warranty expires, if covered L3Harris equipment fails through normal usage and wear, this service will repair the equipment at no additional cost. Labor to remove the defective equipment from the system, replace it with a spare, or re-install it after the equipment is returned from L3Harris is excluded.

### Premium Technical Support (PTS), TAC (YRGS5J) and Premium Technical Support (PTS), Renewal Support (YR-SZ2B)

Continuous operation of a system providing critical communications leads customers to recognize the importance of having 24-hour-a-day, seven-day-per-week assistance. When the system malfunctions at 2 a.m., the personnel responsible for restoring operation are reassured when they have technical expertise available to assist. Premium Technical Support (PTS) provides this assurance. PTS services from L3Harris offer comprehensive support 24 hours per day, 7 days per week, 365 days per year with toll-free phone access to L3Harris' Technical Assistance Center (TAC). PTS subscriber calls are recognized as a priority and Support Engineers endeavor to provide a response within two hours if a technician is not readily available to answer the call. For emergency system off-air calls, a one-hour response time is guaranteed.

PTS is always available to assist customers with answers to technical and user support questions about operations, programming, software, maintenance, and troubleshooting issues. Users also have self-service access to the L3Harris Tech-Link website which offers a variety of technical information, technical bulletins, and manuals with search engine support. Calls to TAC are logged and assigned a tracking number for more efficient handling of each specific situation and are added to our knowledge base to quickly resolve any future issues efficiently.

PTS services provides key benefits such as

- Toll-free telephone access to TAC for year-round support
- Level 1 and Level 2 Helpdesk support 24 hours per day, 7 days per week, 365 days per year
- Level 3 and Level 4 technical support on L3Harris products 24 hours per day, 7 days per week, 365 days per year
- L3Harris management of third-party Level 4 technical support and account maintenance
- Priority technical assistance on systems *and* radio equipment
- One-hour guaranteed callback window for emergency off-air calls
- All-Access subscription to the online L3Harris Tech-Link website, a complete library of technical resources and product information
- TAC coordination with on-site service personnel when necessary

## INFRASTRUCTURE MANAGED SERVICES

### Security Update Management Services (SUMS+) E-Delivery (YR-SZ9F)

With software and the threats against that software constantly evolving, organizations need an effective way to assess, deploy, and manage a constant flow of patches for the operating systems used in the L3Harris system. The L3Harris Security Update Management Services+ (SUMS+) offering addresses this need. SUMS+ provides periodic security updates to participating customers plus a dedicated delivery server platform that includes

- Automatic management of patches for multiple operating systems across thousands of endpoints on the system network
- Reduction of security and compliance risks by slashing installation times from weeks to days or hours
- Greater visibility into patch compliance with flexible, real-time status monitoring and reporting
- Up-to-date visibility and control from a single management console

Each security update delivery includes Software Release Notes. These technical documents detail

- Installation instructions
- Software and hardware compatibility information, where applicable
- Product Vulnerability Alert (PVA) resolution or mitigation information

SUMS+ releases are thoroughly tested with L3Harris System Releases to ensure that third-party software patches are compatible with Core applications.

### Logging Recorder OEM Maintenance (YR-GS5P)

Included with Service Assist is OEM maintenance support for the Customer's OEM logging recorder. OEM Support is critical to maintaining your recording solution. L3Harris technicians will be responsible for Level 1 and Level 2 troubleshooting and repair. OEM support includes

- Technical support through phone, email, and chat 24/7/365
- Talk to highly trained Tier 1, 2, & 3 support and field techs located throughout North America
- Easily create a ticket or check status with cloud-based/online ticketing support portal
- Latest software updates, including patches, new features, and enhancements
- Hardware repaired/replaced quickly, when required
- Protection for hardware with applicable warranties



## INFRASTRUCTURE MANAGED SERVICES

### Service PARTNER

The Service PARTNER level of support means L3Harris works side-by-side with customers to ensure that their communications equipment is kept current and ready to perform. The PARTNER tier includes the items discussed above for Service ASSIST, as well as those covered below.

### Software Installation, SUMS+ (YM-SZ2V)

L3Harris will provide trained L3Harris personnel to be brought on-site to expertly install and validate the proper completion of third-party software patches. As part of this service, L3Harris will

- Ensure that customer equipment continues to function at peak performance by installing the SUMS+ updates
- Provide an installation schedule and approximate equipment outage times (if any)
- Provide a Summary Report of actions upon request

### Software Managed Services (SMS) E-Delivery (YR-GS5N)

Software Managed Services (SMS) provides new releases of system software tailored to each customer's system. These releases contain improvements and enhancements for current generation system software as well as occasional new product capability and the ability to enable licensed features. Keeping the infrastructure software up to date is vital to maintaining the value of the initial purchases so future capabilities can be deployed to the system's users. Under SMS, customers will receive

- Periodic software releases for system and programming software components
- Software release notes and features summary with each release
- System configuration audit with the initial subscription
- Current release as supported by customer hardware at enrollment
- Software replacement services if media become corrupt or damaged
- Enhancements for existing features
- New features built upon earlier generations of software capability to support new licensed features

### SMS Installation (YM-SZ2W)

L3Harris technicians will manage the installation of SMS updates for improved performance on a bi-annual basis. As part of this service, L3Harris will

- Ensure that equipment continues to function at peak performance by installing the Software Managed Services updates
- Provide an installation schedule and approximate equipment outage times (if any)
- Provide a Summary Report of actions

## INFRASTRUCTURE MANAGED SERVICES

### **Corrective Maintenance, Onsite Labor (YM-SZ3V)**

On-Site Corrective Maintenance provides labor to troubleshoot, repair and if necessary, remove and replace defective infrastructure equipment as agreed upon between the customer and L3Harris. L3Harris personnel will remotely troubleshoot the reported issue and dispatch a technician to the customer's location to perform the corrective maintenance. If required, the technician will replace the defective equipment using spares purchased separately by the customer and arrange for the original item to be sent to a certified L3Harris repair facility. The corrective maintenance will be documented in a report and the customer will be informed of the status of all repairs in progress. On-Site Corrective Maintenance is performed 8 hours per day, 5 days per week Monday through Friday, but can be extended to 24 hours per day, 7 days per week, 365 days per year if a Rapid Response Service Level Agreement is purchased. On-Site Corrective Maintenance is a standard service in the Managed Tier of the L3Harris Infrastructure Managed Services plans.

### **VIDA® Secure Sentry E-Delivery (YR-SH8L)**

VIDA Secure Sentry provides policy and third-party vendor-supplied security patches to further enhance the security of the VIDA system. As cybersecurity attacks such as viruses, malware, ransomware, and denial of service increase annually and impact all levels of government and businesses, maintaining the customer's VIDA System's security posture is essential to the availability of the critical communications system.

VIDA Secure Sentry releases occur quarterly and are based on the applicable, publicly available U.S. Government's National Institute of Standards and Technology's (NIST) guidelines for Assessments, Framework, Controls, Policy, and Procedures. STIGs are a collection of recommended settings and controls. L3Harris applies the STIG guidance and tests updates for the VIDA system to ensure compatibility with its applications prior to making the VIDA Secure Sentry release. Governing bodies for Public Safety, Utilities, and the Federal Government have all adopted the NIST framework to maintain a high level of security for their communication systems.

### **VIDA Secure Sentry Installation (YN-SZ9B)**

L3Harris technicians will manage the installation of VIDA Secure Sentry updates for improved performance on a once per quarter basis. As part of this service, L3Harris will

- Ensure that equipment continues to function at peak performance by installing the Software updates
- Provide an installation schedule and approximate equipment outage times (if any)
- Provide a Summary Report of actions

## INFRASTRUCTURE MANAGED SERVICES

### Service MANAGED

The complexity of critical communications systems continues to increase beyond providing voice and data capabilities. The need for continuous system monitoring to defend against cybersecurity threats, configuring interoperability with neighboring agencies, and the integration with LTE technologies require expert skills to maintain the system's optimal performance. The Service MANAGED tier is for organizations that want to transfer the day-to-day operations and maintenance of their communications technology to our experienced team to ensure peak performance. The MANAGED level of support includes all the services discussed above as well as the offerings below.

#### Preventive Maintenance, Standard (YD-SZ4C)

Preventive maintenance includes annually scheduled tests, checks, and alignment of the customer's equipment to ensure that the equipment meets specifications.

As part of this service, L3Harris will

- Use calibrated test equipment for a consistent baseline
- Tune and align System RF base stations to optimize performance
- Verify that System Core software revision levels are installed and operating properly
- Verify that System anti-virus software is installed and operating properly
- Share the Preventive Work Hours Schedule in advance of the maintenance window and indicate the approximate outage times (if applicable)
- Summarize completed work in a written report

#### Preventive Maintenance, Enhanced (YD-SZ4D)

In addition to the Standard Preventive Maintenance described above, Enhanced Preventive Maintenance provides for additional maintenance tasks to ensure that the system operates to meet the customer's critical communications requirements.

As part of this service, L3Harris will

- Validate System Redundancy by switching cores while in operation
- Perform Simulcast Distributed Control Point failover testing
- Tune and align analog and paging system base stations
- Archive Activity Warehouse data to customer-provided off-line storage
- Archive Logging Recorder call records to customer-provided off-line storage
- Perform Symphony Console hardware inspection and disk clean-up

#### Cybersecurity Assessments (YB-SZ2F)

As part of the Service MANAGED program, L3Harris cybersecurity engineers will spend up to 5 days to perform an annual evaluation of the customer's system to minimize risk and help maintain the integrity, confidentiality, and availability of the network. The evaluation includes an assessment of system vulnerabilities, compliance with the latest industry security best-practices, and an analysis of system logs and alerts. A comprehensive evaluation report that can be used to guide system security enhancements will be delivered, providing customers peace of mind regarding the system's cybersecurity posture.

## INFRASTRUCTURE MANAGED SERVICES

### Infrastructure Managed Services Ordering Information

Call the L3Harris Technical Assistance Center to begin the quoting process for one of the Infrastructure Managed Service level plans.

1-800-528-7711 in the U.S. and Canada  
1-434-385-2400 Worldwide.

### Additional Options Available for Purchase

#### On-Demand Services

L3Harris and our customers collaborate to decide the appropriate level of service for each system's specific needs. However, a situation may arise where a needed service is not part of the original scope of work. L3Harris' experienced personnel will quickly assess the need and provide customers with a quote for services.

#### System Administration

L3Harris will configure the VIDA System database for RF Sites, Consoles, and Gateways as well as administer the Talkgroup and Unit IDs at the time of initial system deployment. We will modify database entries at the customer's direction as well as add Units or other resources as the system expands. L3Harris will also perform statewide ID coordination with other P25 communications systems that have interoperability with the customer's system and manage any required documentation of the ID plan.

#### Planned Network Upgrades

Planned Network Upgrades provide new system hardware to maintain compatibility with L3Harris System Release software under the Software Managed Services (SMS) program. Planned Network Upgrades include Core servers as well as the routers, switches, and IT components at both the Core and RF sites.

The L3Harris Planned Network Upgrade program provides a service that extends the useful life of the customer's communications infrastructure to maximize the value of that investment. The program is tailored to their system and to the exact network hardware they started their program with to create an economical way to move forward. The program creates an update strategy for key infrastructure platforms and manages the operational lifecycle of the system components to ensure that the system is operating on current network hardware and software. This program will refresh network hardware that coincides with the service life of the platforms in the customer's system and supported by the current System Release. This approach maximizes support levels going forward and minimizes the number of network hardware updates during the system lifecycle. Planned Network Upgrades allow customers to add applications such as Location Services, Incident Command Services, and converged LMR/LTE communications.

## INFRASTRUCTURE MANAGED SERVICES

### Rapid Response Service Level Agreement (SLA) (YM-SZ2Y)

L3Harris will provide enhanced on-site response 24 hours per day, 7 days per week, 365 days per year when system issues are detected. Specific terms can be customized to fit user requirements. This can include 30-minute problem action initiation (phone or remote) based on the SLA agreement. This level of rapid response will maximize the system's availability and maintain the level of communications that users demand.

This continuous service covers the cost to have local technicians available to respond to Level 1 and Level 2 issues within 30 minutes.

This service includes

- Notification that a problem resolution action has been initiated (telephone or remote diagnostics) within 30 minutes
- A call number available 24 hours per day, 7 days per week, 365 days per year and a timed escalation plan
- Coordination and dispatch of on-site technicians, if necessary
- Equipping local technicians with all-weather vehicles, storm gear, storm training, and calibrated test equipment
- Tracking every incident and updating the customer of actions needed
- Technician coverage 365 days per year, arranging for additional coverage by local technicians when the primary technician is unavailable

### Network Operations Center (NOC) Monitoring (YM-SZ2Z)

NOC Monitoring is real-time, 24 hours per day, 7 days per week, 365 days per year, careful observation of the radio system by experienced L3Harris personnel. The NOC ensures quick identification of existing or potential network issues and action to correct the matter, resulting in reduced system downtime and minimal impact to system users. As part of this service, L3Harris will

- Monitor the system at all times using secure connections into the network
- Provide immediate recognition of noteworthy events
- Initiate a service ticket upon detection of a system alarm condition
- Notify the appropriate personnel
- Support L3Harris engineering staff, L3Harris field technicians, vendors, and authorized customer representatives
- Escalate circumstances to L3Harris management when required
- Document alarm activity, date and time of alarm, actions taken, and results of those actions using Advanced Management Maintenance System incident logging which provides
  - Accurately documented data pertaining to the current issue
  - Comparison of current incident against past occurrences to assist with troubleshooting
  - Real-time email notifications to appropriate personnel customized to specific equipment
  - Real-time web access to view work order status
- Provide a monthly summary via email documenting response activity

## INFRASTRUCTURE MANAGED SERVICES

### Enhanced NOC Services (YM-SZ3U)

L3Harris will partner with each customer to determine additional NOC Services desired to maintain system security and integrity. Examples of enhanced NOC services available from L3Harris are as follows:

- Report facility and environmental alarms via Network Sentry and RNM
- Monitor transport backbone alarms integrated in RNM
- Monitor backhaul: Microwave/Fiber/MPLS Routers
- Verify security clearances
- Maintain listing of cleared vendor personnel
- Ensure that personnel without proper clearances are not allowed on site without an escort
- Document site access
- Monitor shelter security alarm
- Check door and gate alarms
- Monitor motion detectors
- Check video cameras and card key access

### Factory Repair and Return Ordering Instructions

Contact L3Harris' Customer Care Center to request a Return Material Authorization (RMA) number for items being returned to L3Harris Technologies for repair:

|                   |                              |  |
|-------------------|------------------------------|--|
| <b>Telephone:</b> | U.S.                         | 1-800-368-3277                               |
|                   | International and Canada     | 1-434-455-6403                               |
| <b>Fax:</b>       | U.S.                         | 1-321-409-4393                               |
|                   | International and Canada     | 1-321-409-4394                               |
| <b>Email:</b>     | U.S. Customers Only          | PSPC_CustomerFocus@L3Harris.com              |
|                   | International Customers Only | PSPC_InternationalCustomerFocus@L3Harris.com |

Domestic customers may request a repair RMA by completing the form located at the link below.

<https://www.l3harris.com/all-capabilities/pspc-customer-care>

**All returns must be authorized by Customer Care for issuance of a Return Material Authorization prior to sending any material for repair.**

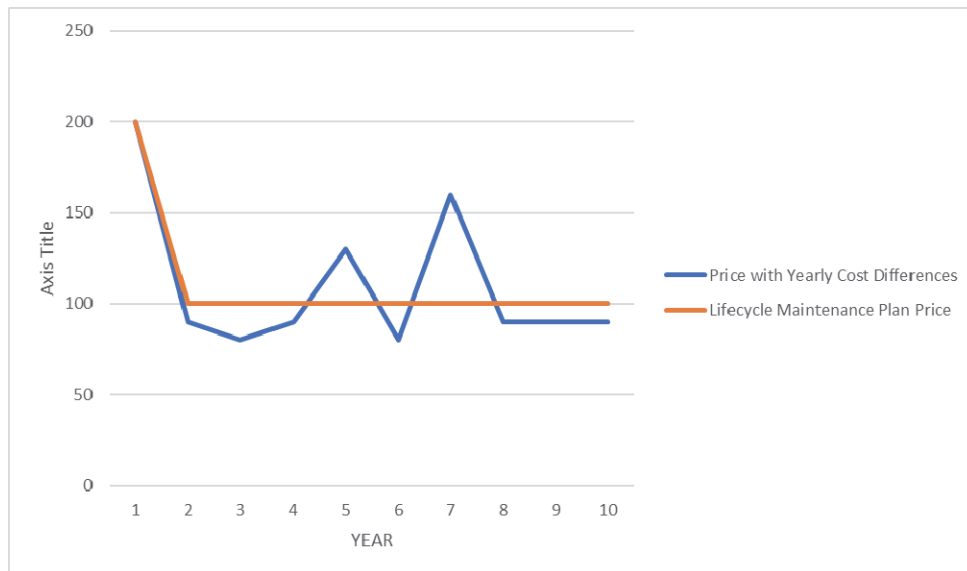
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## INFRASTRUCTURE LIFECYCLE MAINTENANCE PLAN

L3Harris offers a 10-year comprehensive, long-term infrastructure lifecycle maintenance and upgrade plan to keep critical communications systems free from security threats and operating at peak efficiency. Experienced service professionals monitor, test, troubleshoot, repair, and maintain equipment to maximize the performance and reliability of the system. Software updates, security patches, and planned network upgrades protect against obsolescence by extending the useful life of the communications infrastructure and maximizing the value of the customer’s investment.

### Simplified Planning for Funding System Maintenance

With the 10-year Infrastructure Lifecycle Maintenance Plan, the annual cost of the plan remains constant after the initial investment, making budgeting easier by eliminating annual increases and decreases in funding. For example, instead of having to budget more in years when hardware upgrades occur, the proposed price simply remains the same. This plan simplifies the long-term budgeting process while keeping the L3Harris system current and ready for future applications.



The service plan provides the assistance below over the life of the contract.

- Premium Technical Support (PTS)
- Standard Repair Services
- Annual Preventive Maintenance
- On-Demand Services
- Security Update Management Services (SUMS+)
- Software Managed Services (SMS)
- Network Operations Center (NOC) Monitoring Services
- Rapid Response Service Level Agreement (SLA)
- Obsolescence Protection and Planned Network Upgrades
- Cybersecurity Assessments
- VIDA Secure Sentry
- Annual ISE Health Check and Report
- Customer Training

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



## INFRASTRUCTURE LIFECYCLE MAINTENANCE PLAN

### Premium Technical Support

- Priority access to Level 3 and 4 technical support teams for maintenance and service restoration 24 hours per day, 7 days per week, 365 days per year.
- Up-to-date third-party hardware maintenance and software license agreements for compatibility with L3Harris System Release software.

### Standard Repair Services

- Factory Repair and Return Depot services provide repairs for all L3Harris-branded system components such as infrastructure, dispatch, and site equipment.

### Annual Preventive System Maintenance

- Preventive maintenance includes scheduled tests, checks, and alignment of the customer's equipment to ensure that the equipment meets specifications. Calibrated test equipment is used for a consistent baseline for tasks such as tuning and aligning System RF base stations to optimize performance and meet FCC requirements.
- Technicians also perform system failover testing, archiving of critical activity and voice call data, and ensure server resources are operating free of errors.

### On-Demand Services

- L3Harris and our customers collaborate to determine the appropriate level of service for each system's specific requirements. However, a situation may arise where a needed service is not part of the original scope of work. L3Harris' experienced personnel will quickly assess the need and provide customers with a quote for services.

### Security Update Management Service+ (SUMS+) Program

- SUMS+ provides periodic delivery of patches for multiple operating systems and other third-party applications used in the L3Harris network to keep each system secure from cybersecurity threats.
- SUMS+ releases are fully tested with L3Harris applications for compatibility.
- Trained personnel provide on-site installation of the SUMS+ updates.

### Software Managed Services (SMS)

- The SMS program provides new releases of L3Harris system software tailored to each customer's system.
- These releases contain improvements and enhancements for current generation system software as well as occasional new product capability and the ability to enable licensed features.
- Trained personnel provide on-site installation of the SMS updates.

### Network Operations Center (NOC) Monitoring Services

- L3Harris provides NOC monitoring for the radio system in real-time, 24 hours per day, 7 days per week, 365 days per year by experienced L3Harris personnel. The NOC ensures quick identification of network issues and action to correct the matter, resulting in reduced system downtime and minimal impact to system users.
- NOC personnel initiate a service ticket upon detection of a system alarm condition and notify the appropriate personnel, including L3Harris field technicians, subcontractors, and authorized customer representatives.
- Customized monitoring can include items such as facility and environmental alarms, transport backbone alarms, security clearance verification, motion detectors and shelter security alarms.



## INFRASTRUCTURE LIFECYCLE MAINTENANCE PLAN

### Rapid Response Service Level Agreement (SLA)

- L3Harris provides response 24 hours per day, 7 days per week, 365 days per year when system issues are detected. Specific terms can be customized to fit user requirements.
- This can include 30-minute problem action initiation (phone or remote) based on the SLA agreement. This level of rapid response will maximize the system's availability and maintain the level of communications that users demand.

### Obsolescence Protection and Planned Network Upgrades

- Obsolescence protection provides new system hardware to maintain compatibility with L3Harris System Release software under the Software Managed Services program. The program includes Core and RF sites as well as console and gateway hardware as applicable.
- The program provides a service that extends the useful life of the customer's communications infrastructure to maximize the value of that investment. The package is tailored to their system to create an economical way to refresh the hardware to stay current with each System Release.
- This approach maximizes support levels going forward and minimizes the number of network hardware updates during the system lifecycle. Obsolescence Protection allows customers to stay current and be compatible with additional applications such as Location Services, Incident Command Services, and converged LMR/LTE communications.

### Cybersecurity Assessments

- L3Harris cybersecurity engineers perform an annual on-site evaluation of the customer's system to minimize risk and help maintain the integrity, confidentiality, and availability of the network.
- A comprehensive evaluation report that can be used to guide system security enhancements will be delivered, providing customers peace of mind regarding the system's cybersecurity posture.

### VIDA® Secure Sentry

- VIDA Secure Sentry provides policy and third-party vendor-supplied security patches to further enhance the security of the VIDA system. As cybersecurity attacks such as viruses, malware, ransomware and denial of service increase annually and impact all levels of government and businesses, maintaining the customer's VIDA System's security posture is essential to the availability of the critical communications system.

### Annual ISE Health Check and Report

- L3Harris works with the customer to schedule an annual system health check performed by a skilled Implementation System Engineer (ISE) who will evaluate the system and provide a customized System Health Check Report.
- The ISE will make use of the NOC, Cybersecurity Scan, and Annual Preventive Maintenance information and run additional system tests to provide the report with detailed recommendations for changes, improvements, or upgrades to be considered.

## INFRASTRUCTURE LIFECYCLE MAINTENANCE PLAN

### Customer Training

- New System Release software, applications, and features are regularly available on L3Harris systems. Training helps customers stay abreast of how these enhancements can be used to improve their communications system.
- As part of the long-term system maintenance plan, L3Harris will schedule regular training sessions to cover important new topics as well as train new customer personnel. This training is a combination of self-guided on-line training, virtual classroom training, and optional on-site training.

### Infrastructure Lifecycle Maintenance Plan Ordering Information

Call the L3Harris Technical Assistance Center to begin the quoting process for a customized Infrastructure Lifecycle Maintenance Plan.

1-800-528-7711 in the U.S. and Canada

1-434-385-2400 Worldwide.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## ADDITIONAL SERVICES

### On-Demand Services for Failure Restoration

L3Harris and our customers collaborate to determine the appropriate level of service for each system's specific requirements. However, a situation may arise where a needed service is not part of the original scope of work. Known as On-Demand Services, L3Harris' experienced personnel will quickly assess the need and provide customers with a quote for additional services.

Several examples of On-Demand Services are below.

- Installation or removal of mobile radio equipment after the initial installation
- Repair of equipment damaged by vandalism
- Repair of equipment damaged through abuse or physical neglect
- Replacement or repair of equipment damaged due to extreme conditions or events outside of L3Harris' reasonable control
- On-site efforts outside the scope of services purchased

### Field Feature Encryption Upgrade Service

Feature encryption allows a radio user to selectively upgrade radios or build in L3Harris value-added features in the field. As the customer's requirements grow, the radio's features can be expanded. Feature encryption is an outstanding tool to custom fit a radio to the operational and budgetary requirements. This is possible because it provides a means of easy field upgrades that allow the radios to keep pace with the user's growing requirements.

Feature encryption is available for most current and legacy terminal products.

For a listing of current options and pricing, please log in to <https://premier.pspc.harris.com/infocenter/> and select the "Feature Encryption" link from the top right side of the screen to view the L3Harris Feature Encryption Price List web page or call:

1-800-528-7711 in the U.S. and Canada

1-434-385-2400 Worldwide

Fax: 1-434-455-6690

The feature encryption process is as follows:

1. Call the Technical Assistance Center at 1-800-528-7711 (U.S. and Canada), 1-434-385-2400 Worldwide, or fax a request to 1-434-455-6690.
2. Provide the Customer Service Representative with the following information:
  - Model Number or Package Combination Number
  - Physical Serial Number of the radio
  - Electronic Serial Number of the radio
  - Any Existing Feature Encryption as it may apply
  - Purchase Order or credit card number for Feature Encryption upgrade
3. Customer Service Representative provides new feature encryption data for field upgrade.
4. Customer loads code into radio and programs new radio personality.
5. Customer is billed for the options purchased.

*This page intentionally blank*

## TECHNICAL TRAINING

Our technical training hub, located in Lynchburg Virginia, is where our training specialists and development team partner with sales, implementation, factory to field, and technical support teams to curate relevant courses with practical scenarios and best practices included.

Our technical training staff is composed of training professionals with extensive experience in both adult learning and telecommunications. Each instructor is certified to ensure the trainer possesses the instructional skills and technical competencies to deliver high-quality training to our customers.

Our training portfolio is robust, from console operation to P25 system maintenance to radio operator training and system configuration and management. From implementation to maintenance and troubleshooting, we have you covered for successful use of your communication system.

When it comes to learning, one size does not fit all. The work you do demands flexibility. At L3Harris, we strive to meet your unique learning needs with a variety of delivery options by offering instructor-led virtual courses, hands on in person courses, and targeted online courses.

In anticipation of our customers' needs, technical training courses are conducted regularly throughout the year via the virtual classroom and at the Technical Training Center in Lynchburg, Virginia. The current training schedule and registration forms can be downloaded at our website at [Technical Training for Emergency Responders | L3Harris® Fast. Forward.](#) Training courses can also be conducted at a customer's location and typically require two-to-three months' lead time. To request a quote or schedule onsite training please contact the Training Manager at [sandy.robbyns@l3harris.com](mailto:sandy.robbyns@l3harris.com).

L3Harris' Technical Training focuses on three job categories: operation, administration, and maintenance.

- Operational training is designed for field equipment users and dispatchers to facilitate the transition to a radio system.
- Administrative training provides management personnel with the knowledge and skills to plan and manage the radio system.
- Maintenance training prepares a technician to perform preventive and corrective maintenance on radio system equipment.

The following pages provide a listing of our course offerings, including part numbers, descriptions, method, length, and pricing where applicable.

## TECHNICAL TRAINING

### OPERATIONAL TRAINING

Operational training provides dispatch personnel and field equipment users with the knowledge and skills to operate their dispatch consoles and radios, respectively. It also includes a course on radio programming.

Dispatch personnel are at the core of effective and efficient implementation of the radio system. While the time required for training is minimal, the payback is immense. A solid understanding of both console and system operation is required to effectively train dispatch personnel on the operation of a dispatch console. Therefore, our instructor conducts dispatch console operational training directly for dispatchers and their supervisors. A train-the-trainer format is not recommended.

The importance of field equipment users understanding basic system operation and the operation of their portable and/or mobile radios must not be underestimated. We offer two (2) options for providing user equipment operator training: train-the-user and train-the-trainer.

Creating a radio personality through programming and configuring a radio that meets operational requirements and is user friendly helps ensure effective communications.

The table below provides a list of standard training courses. The table includes the course number and the location where the training can be conducted as indicated by the course length.

|                                     | Course No. | L3Harris Facility | On-Site   |
|-------------------------------------|------------|-------------------|-----------|
| <b>Operational Training</b>         |            |                   |           |
| Console Equipment Operator Training | YTSP5P-B   | -                 | 4 hours   |
| User Equipment Operator Training    | YTSP7R-B   | -                 | 2-8 hours |
| Radio Programming                   | MAYT-ASN6X | 2 days            | -         |
| Customized Radio Programming        | MAYT-BSN6X | -                 | 2 days    |

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| BC  | YTSP5P-B  | CALL          | TRNG, CONSOLE EQUIP OPERATION, ON-SITE This course provides dispatchers and supervisors with the knowledge and skills to operate the Symphony™ Dispatch Console. The customer's operational consoles are utilized during this training. The training includes a discussion on the differences between conventional and trunked radio systems, if applicable, an overview of the customer's system, and basic system operation. The training is held in small groups with no more than two people on an operating console. This maximizes the effectiveness of the hands-on portion of the training. Each training session is four hours in length. |

**TECHNICAL TRAINING**

**OPERATIONAL TRAINING (Cont'd)**

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| BC  | YTSP7R-B   | CALL          | TRNG, USER EQUIPMENT OPERATION, ON-SITE This course is typically conducted in a train-the-trainer format. Customer instructors learn how to operate the mobile and portable radio equipment and how to train other personnel. The training includes an introduction to trunked systems, a discussion of the differences between conventional and trunked radio systems, and an overview of the customer’s system. Support materials are provided for the instructors to assist in the user training. Training varies in length depending on the complexity of the customer’s radio system. Operator training can also be provided for all customer personnel by an L3Harris instructor if desired.   |
| N   | MAYT-ASN6X | 1,000.00      | <p>TRNG, RADIO PROGRAMMING, LYH This course provides in-depth instruction on programming and operating XL radios for system administrators, technicians, and anyone else who needs the knowledge and skills to create a radio personality to meet operational needs. Although the course focuses on XL radios when attended at the L3Harris Technical Training Center, it is beneficial to anyone who needs to learn radio programming using the Radio Personality Manager 2 (RPM2) application.</p> <p>In this course, participants learn the process of creating a master radio personality using RPM2. This includes creating frequency and group sets to build “systems/zones,” and selecting radio options (i.e., power-up options, display settings, alert tones, timer settings, emergency features, supervisory features, etc.). The operational impact of selecting different options is explored and the modification of existing radio personalities is also addressed. The training also includes manually generating and loading encryption keys using the Key Manager application.</p> |
| BC  | MAYT-BSN6X | CALL          | <p>TRNG, RADIO PROGRAMMING, CUSTOMIZED This on-site course provides in-depth instruction on programming and operating XL radios for system administrators, technicians, and anyone else who needs the knowledge and skills to create a radio personality to meet operational needs. This course is beneficial to anyone who needs to learn radio programming using the Radio Personality Manager 2 (RPM2) application.</p> <p>In this course, participants learn the process of creating a master radio personality using RPM2. This includes creating frequency and group sets to build “systems/zones,” and selecting radio options (i.e., power-up options, display settings, alert tones, timer settings, emergency features, supervisory features, etc.). The operational impact of selecting different options is explored and the modification of existing radio personalities is also addressed. The training also includes manually generating and loading encryption keys using the Key Manager application.</p>   |

## TECHNICAL TRAINING

### P25 SYSTEM ADMINISTRATIVE TRAINING

P25 system administrators and managers have the overall responsibility for defining and maintaining the radio system's configurable parameters. This role has emerged as radio systems have become larger and more complex. The responsibilities include the following:

- defining the fleet map
- maintaining unit and group databases
- defining wide-area roaming capabilities
- planning radio feature usage and personalities
- configuring dispatch consoles
- enabling and disabling subscriber units
- generating reports
- monitoring system performance

The following table provides a list of standard training courses. The table includes the course number and the location where the training can be conducted as indicated by the course length.

|  | Course No. | Virtual Classroom    | L3Harris Facility | On-Site |
|--|------------|----------------------|-------------------|---------|
| <b>P25 System Administrative Training</b>      |            |                      |                   |         |
| P25 System Overview                            | YTSN4F-A   | 5 four-hour sessions | -                 | -       |
| Customized P25 System Overview                 | YTSN4F-B   | -                    | -                 | -       |
| P25 Fleet Mapping Workshop                     | MAYT-BSN6A | -                    | -                 | 4 days  |
| Console Configuration                          | YTSN3H-B   | -                    | -                 | 2 days  |
| Unified Administration System                  | YTSN4G-A   | 2 four-hour sessions | -                 | -       |
| Customized Unified Administration System       | YTSN4G-B   | -                    | -                 | -       |
| BeOn System Administration                     | YTSN2D-A   | 4 four-hour sessions | -                 | -       |
| Customized BeOn System Administration          | YTSN2D-B   | -                    | -                 | 2 days  |
| Grounding & Surge Suppression                  | YTSN5Y-A   | -                    | 2 days            | -       |
| Grounding & Surge Suppression                  | MAYT-ASN5Y | 4 four-hour sessions | -                 | -       |
| Regional Network Manager                       | YTSN4H-A   | 2 four-hour sessions | -                 | -       |
| Customized Regional Network Manager            | YTSN4H-B   | -                    | -                 | -       |
| P25 System Workshop                            | YTSN9N-A   | -                    | 5 days            | -       |
| Customized P25 System Workshop                 | YTSN9N-B   | -                    | -                 | -       |
| Over-the-Air Rekeying (OTAR)                   | MAYT-BSN6C | -                    | -                 | 1 day   |
| Customized ISSI Configuration & Administration | YTSN9L-B   | -                    | -                 | 1 day   |



## TECHNICAL TRAINING

### P25 SYSTEM ADMINISTRATIVE TRAINING (Cont'd)

| E/C | Model No.  | List Price \$ | Description   |
|-----|------------|---------------|---|
| N   | YTSN4F-A   | 1,625.00      | TRNG, P25 OVERVIEW, VIRTUAL OE This virtual classroom course is for individuals responsible for system implementation and management and consists of five (5) four-hour sessions. It provides an understanding of terminology, equipment, components, and operational processes associated with the P25 system. Topics include RF communication basics, VIDA network and site equipment, call processing, wide-area coverage solutions, interoperability, and much more. This course is a prerequisite for the Unified Administration System (YTSN4G) and Regional Network Manager (YTSN4H) virtual classroom courses and is the first training activity that should be completed by a P25 system administrator or manager. |
| BC  | YTSN4F-B   | CALL          | TRNG, P25 OVERVIEW, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard P25 OVERVIEW, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.   |
| BC  | MAYT-BSN6A | CALL          | TRNG, P25 FLEET MAPPING WORKSHOP, ON-SITE This on-site workshop assists new customers in defining the system's fleet map and planning radio personalities. The advantages of different group structures and associated property, priority and coverage options are explored, and fleet mapping experience gained from other customers is shared. System configuration, interoperability scenarios, and radio programming options (i.e., wide-area roaming, scanning, and emergency calls) are also examined.  |
| BC  | YTSN3H-B   | CALL          | TRNG, CONSOLE CONFIGURATION ON-SITE This on-site course provides system administrators and managers and dispatch supervisors with the knowledge and skills to configure the Symphony Dispatch Console to meet operational needs. The training includes a detailed operational overview that introduces participants to the various features and capabilities of the console. Participants will work within the Configuration Utility to explore the various settings and how these settings impact the operation of the console. With an understanding of the Configuration Utility settings, participants will have the requisite knowledge to define the parameters that best suit their operational needs.               |
| N   | YTSN4G-A   | 975.00        | TRNG, UNIFIED ADMIN SYSTEM, VIRTUAL OE This virtual classroom course provides system administrators and managers with the knowledge to create and maintain system databases using the Unified Administration System (UAS). Course topics include logging into the UAS, establishing user accounts, navigating through the user interface, creating and changing parameter values, and adding/deleting radio users and talk groups. The P25 System Overview (YTSN4F-A) virtual classroom course is a required prerequisite. Prior completion of the following asynchronous training courses is highly recommended: P25 Fleet Mapping Overview, Unified Administration System (UAS) Overview, and Active Directory.           |

**TECHNICAL TRAINING****P25 SYSTEM ADMINISTRATIVE TRAINING (Cont'd)**

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| BC  | YTSN4G-A   | CALL          | TRNG, UNIFIED ADMIN SYSTEM, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard UNIFIED ADMIN SYSTEM, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |
| V   | YTSN2D-A   | 1,625.00      | TRNG, BEON ADMINISTRATION, VIRTUAL OE This virtual classroom course designed for personnel who manage and administer the BeOn system using the Unified Administration System (UAS) and Regional Network Manager (RNM) applications and is applicable to implementing the BeOn system as a standalone solution or integrating BeOn with a Land Mobile Radio (LMR) solution such as P25 or OpenSky®. Course topics include configuring the UAS for BeOn operation; assigning user accounts, permissions, and device/user parameters in the UAS to allow BeOn integration and operations; configuring encryption and provisioning BeOn devices with voice encryption keys; utilizing the BeOn Listing Utility to manage licenses; configuring the RNM to monitor BeOn services; accessing, navigating, and monitoring BeOn application services using the RNM; and operating BeOn subscriber devices. |
| BC  | YTSN2D-B   | CALL          | TRNG, BEON ADMINISTRATION, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard BEON ADMINISTRATION, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |
| V   | YTSN5Y-A   | 1,000.00      | TRNG, GRNDG & SRG SUPPRESSION, LYH OE This 2-day course covers the basics of the L3Harris grounding and surge suppression guidelines. Topics include lightning basics; site design to minimize susceptibility to lightning damage; buried ground system components and installation techniques; exterior radio site grounding; interior single point grounding; AC and DC power system grounding; surge suppression types and proper location for maximum effectiveness; special grounding situations such as roof-tops and dispatch centers; soil resistivity testing; ground system testing; and site grounding preventive maintenance and inspection. The course includes a site visit and hands-on training with ground testing equipment to allow technicians to become familiar with the equipment and different test techniques.  |
| V   | MAYT-ASN5Y | 650.00        | TRNG, GRNDG & SRG SUPPRESSION, VIRTUAL, LYH OE This virtual course covers the basics of the L3Harris grounding and surge suppression guidelines. Topics include lightning basics; site design to minimize susceptibility to lightning damage; buried ground system components and installation techniques; exterior radio site grounding; interior single point grounding; AC and DC power system grounding; surge suppression types and proper location for maximum effectiveness; special grounding situations such as roof-tops and dispatch centers; soil resistivity testing; ground system testing; and site grounding preventive maintenance and inspection.  |

**TECHNICAL TRAINING**

**P25 SYSTEM ADMINISTRATIVE TRAINING (Cont'd)**

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| N   | YTSN4H-A  | 650.00        | TRNG, REGIONAL NETWORK MGR, VIRTUAL OE This virtual classroom course provides system administrators and managers with the knowledge to monitor and manage the P25 system using the Regional Network Manager (RNM). Course topics include system access, monitoring the status of system equipment, identification and acknowledgement of system faults, historical views of system performance, and exploring real-time viewers. The P25 System Overview (YTSN4F-A) virtual classroom course is a required prerequisite.   |
| BC  | YTSN4H-B  | CALL          | TRNG, REGIONAL NETWORK MGR, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard REGIONAL NETWORK MGR, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |
| N   | YTSN9N-A  | 3,500.00      | TRNG, P25 SYSTEM WORKSHOP, LYH OE This hands-on workshop allows participants to implement the knowledge acquired during prerequisite virtual classroom and asynchronous training. The workshop begins with students completing structured hands-on exercises on the Unified Administration System (UAS), Regional Network Manager (RNM), and radio programming. Participants are then divided into teams to plan, implement, and operate the Training Center's P25 radio system based on the communication requirements of an imaginary town. Activities include defining a fleet map, planning radio personalities, establishing UAS databases, configuring dispatch consoles, programming radios, and operating the system. Since this workshop is primarily hands-on and builds upon previously acquired knowledge, it is important for students to meet the prerequisites for optimal learning and to gain the most benefit from this course. The P25 System Overview (YTSN4F-A), Unified Administration System (YTSN4G-A) and Regional Network Manager (YTSN4H-A) virtual classroom courses are required prerequisites. |
| BC  | YTSN9N-B  | CALL          | TRNG, P25 SYSTEM WORKSHOP, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard P25 SYSTEM WORKSHOP, LYH OE course with flexibility to customize the content specific to the customer's system and training can be conducted at a customer's location.  |

## TECHNICAL TRAINING

### P25 SYSTEM ADMINISTRATIVE TRAINING (Cont'd)

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| BC  | MAYT-BSN6C | CALL          | TRNG, OVER THE AIR REKEYING, ON-SITE This on-site course provides system administrators and managers with the knowledge and skills to manage encryption keys using the Network Key Management Facility (KMF) product in a P25 network. This includes defining Crypto Officer Administration classes and user privileges; managing Crypto Officer user accounts; configuring crypto nets; and rekeying talkgroups, users and system keys using the Unified Administration System (UAS). The P25 System Overview (YTSN4F-A) and Unified Administration System (YTSN4G-A) virtual classroom courses are recommended prerequisites.  |
| BC  | YTSN9L-B   | CALL          | TRNG, ISSI CONFIG & ADMIN, CUSTOMIZED This on-site course provides system administrators and managers with the knowledge and skills to configure and implement the Inter-RF SubSystem Interface (ISSI) using the Unified Administration System (UAS). Course topics include configuring the UAS for local and foreign ISSI gateways, creating an ISSI Region, establishing System Assigned ID (SAID) ranges for foreign talkgroups and users, determining shared users and talkgroups available to foreign systems, and creating foreign user permission templates. The P25 System Overview (YTSN4F-A) and Unified Administration System (YTSN4G-A) virtual classroom courses are recommended prerequisites. |

## TECHNICAL TRAINING

### P25 SYSTEM MAINTENANCE TRAINING

A P25 system maintenance technician must be familiar with all aspects of system operation and maintenance. System maintenance training provides technicians with the knowledge and skills needed to conduct preventive maintenance, troubleshoot problems, and take corrective action.

The following table provides a list of standard training courses. The table includes the course number, and the location where the training can be conducted as indicated by the course length.

|   | Course No. | Virtual Classroom    | L3Harris Facility | On-Site |
|---|------------|----------------------|-------------------|---------|
| <b>P25 System Maintenance Training</b>            |            |                      |                   |         |
| P25 System Overview                               | YTSN4F-A   | 5 four-hour sessions | -                 | -       |
| Customized P25 System Overview                    | YTSN4F-B   | -                    | -                 | -       |
| Introduction to Networking                        | YTSN2X-A   | 5 four-hour sessions | -                 | -       |
| Customized Introduction to Networking             | YTSN2X-B   | -                    | -                 | -       |
| Regional Network Manager                          | YTSN4H-A   | 2 four-hour sessions | -                 | -       |
| Customized Network Manager                        | YTSN4H-B   | -                    | -                 | -       |
| Network Operation & Maintenance                   | YTSN3W-A   | 4 four-hour sessions | -                 | -       |
| Customized Network Operation & Maintenance        | YTSN3W-B   | -                    | -                 | -       |
| Grounding & Surge Suppression                     | YTSN5Y-A   | -                    | 2 days            | -       |
| Grounding & Surge Suppression                     | MAYT-ASN5Y | 4 four-hour sessions | -                 | -       |
| Two47™ Site Maintenance                           | YTSN9G-A   | 2 four-hour sessions | -                 | -       |
| Customized Two47™ Site Maintenance                | YTSN9G-B   | -                    | -                 | 2 days  |
| MASTR® V Station Maintenance                      | MAYT-ASN8G | 2 four-hour sessions | -                 | -       |
| Customized MASTR® V Station Maintenance           | MAYT-BSN8G | -                    | -                 | -       |
| MASTR® V Station Maintenance                      | YTSN8G-A   | -                    | 2 days            | -       |
| P25 Simulcast System Maintenance                  | MAYT-ASN8H | 3 four-hour sessions | -                 | -       |
| Customized P25 Simulcast System Maintenance       | MAYT-BSN8H | -                    | -                 | 3 days  |
| P25 Simulcast System Maintenance                  | YTSN8H-A   | -                    | 2 days            | -       |
| P25 Programming & Maintenance Workshop            | YTST1A-A   | -                    | 5 days            | -       |
| Customized P25 Programming & Maintenance Workshop | YTST1A-B   | -                    | -                 | -       |
| P25 Master Technician                             | YTSN9T-A   | -                    | 4½ days           | -       |

## TECHNICAL TRAINING

### P25 SYSTEM MAINTENANCE TRAINING

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| N   | YTSN4F-A  | 1,625.00      | TRNG, P25 OVERVIEW, VIRTUAL OE This virtual classroom course is for individuals responsible for system implementation and management and consists of five (5) four-hour sessions. It provides an understanding of terminology, equipment, components, and operational processes associated with the P25 system. Topics include RF communication basics, VIDA network and site equipment, call processing, wide-area coverage solutions, interoperability, and much more. This course is a prerequisite for additional maintenance training.  |
| BC  | YTSN4F-B  | CALL          | TRNG P25 OVERVIEW, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard P25 OVERVIEW, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.   |
| N   | YTSN2X-A  | 2,600.00      | TRNG, INTRO TO NETWORKING, VIRTUAL OE This virtual classroom course is designed for system technicians and administrators, and anyone else who requires a solid understanding of the fundamental principles of installing and supporting networks. This course is based upon the CompTIA Network+ certification learning objectives. Topics include network media and devices; addressing and routing; network applications; network security; and network management, monitoring, and troubleshooting. In addition to building a solid knowledge foundation of networking principles, this course will help prepare an individual to achieve CompTIA Network+ certification. This course is a highly recommended prerequisite for individuals who have never had any formal network training. |
| BC  | YTSN2X-B  | CALL          | TRNG, INTRO TO NETWORKING, CUSTOMIZED This on-site course is predicated on the same learning objectives and principals described in our standard INTRO TO NETWORKING, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |
| BC  | YTSN4H-A  | 650.00        | TRNG, REGIONAL NETWORK MGR, VIRTUAL OE This virtual classroom course provides system administrators and managers with the ability to monitor and manage the system using the Regional Network Manager (RNM). Course topics include system access, monitoring the status of system equipment, identification and acknowledgement of system faults, historical views of system performance, exploring real-time viewers, and running activity and status reports on system performance.  |
| BC  | YTSN4H-B  | CALL          | TRNG, REGIONAL NETWORK MGR, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard REGIONAL NETWORK MGR, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |

**TECHNICAL TRAINING**

**P25 SYSTEM MAINTENANCE TRAINING (Cont'd)**

| E/C | Model No.  | List Price \$ | Description   |
|-----|------------|---------------|---|
| N   | YTSN3W-A   | 1,625.00      | TRNG, NETWORK OPS AND MAINT, VIRTUAL OE This virtual classroom course introduces technicians to basic networking concepts and provides them with the ability to maintain the IP network and Network Switching Center. Topics covered include IP addressing and basic routing, database backup and storage, router and switch configuration management, high-availability Network Switching Server configuration and failover operation, and disaster recovery of network components.  |
| BC  | YTSN3W-B   | CALL          | TRNG, NETWORK OPS & MAINT, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard NETWORK OPS AND MAINT, VIRTUAL OE course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.   |
| V   | YTSN5Y-A   | 1,000.00      | TRNG, GRNDG & SRG SUPPRESSION, LYH OE This 2-day course covers the basics of the L3Harris grounding and surge suppression guidelines. Topics include lightning basics; site design to minimize susceptibility to lightning damage; buried ground system components and installation techniques; exterior radio site grounding; interior single point grounding; AC and DC power system grounding; surge suppression types and proper location for maximum effectiveness; special grounding situations such as roof-tops and dispatch centers; soil resistivity testing; ground system testing; and site grounding preventive maintenance and inspection. The course includes a site visit and hands-on training with ground testing equipment to allow technicians to become familiar with the equipment and different test techniques. |
| V   | MAYT-ASN5Y | 650.00        | TRNG, GRNDG & SRG SUPPRESSION, VIRTUAL, LYH OE This virtual course covers the basics of the L3Harris grounding and surge suppression guidelines. Topics include lightning basics; site design to minimize susceptibility to lightning damage; buried ground system components and installation techniques; exterior radio site grounding; interior single point grounding; AC and DC power system grounding; surge suppression types and proper location for maximum effectiveness; special grounding situations such as roof-tops and dispatch centers; soil resistivity testing; ground system testing; and site grounding preventive maintenance and inspection.   |

**TECHNICAL TRAINING****P25 SYSTEM MAINTENANCE TRAINING (Cont'd)**

| <b>E/C</b> | <b>Model No.</b> | <b>List Price \$</b> | <b>Description</b>  |
|------------|------------------|----------------------|---|
| N          | YTSN9G-A         | 975.00               | TRAINING, TWO47 SITE MAINT, VIRTUAL OE This virtual course introduces System Administrators and Technicians to the Two47 Base Station. The course covers site operation and configuration, system architecture, software overview, network configuration, and troubleshooting a Two47 Site. The course will give students the knowledge to perform software upgrades and localize problems to field replaceable equipment.                          |
| N          | YTSN9G-B         | CALL                 | TRAINING, TWO47 SITE MAINT, ON-SITE This hands-on course introduces System Administrators and Technicians to the Two47 Base Station. The course covers site operation and configuration, system architecture, software overview, network configuration and troubleshooting a Two47 Site. The course will give students the knowledge to perform software upgrades and localize problems to field replaceable equipment.                             |
| N          | MAYT-ASN8G       | 975.00               | TRNG, MASTR® V MAINT, VIRTUAL OE This virtual classroom course covers the theory of operation and maintenance procedures for the MASTR V Station used in the P25 radio system. Topics covered include station architecture, module overview, software overview, network configuration, station configuration, troubleshooting, and testing.   |
| BC         | MAYT-BSN8G       | CALL                 | TRNG, MASTR® V MAINT, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard MASTR® V MAINT course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.   |
| V          | YTSN8G-A         | 1,000.00             | TRNG, MASTR® V MAINTENANCE, LYH OE This hands-on course covers the theory of operation and maintenance procedures for the MASTR V Station used in the P25 radio system. Topics covered include station architecture, module overview, software overview, network configuration, station configuration, troubleshooting, and testing.  |
| N          | MAYT-ASN8H       | 975.00               | TRNG, P25 SIMULCAST SYS MAINT, VIRTUAL OE This virtual classroom course provides technicians with the knowledge and skills to operate, maintain, and troubleshoot a P25 simulcast system. Topics include simulcast system operation and concepts, such as capture and non-capture zones and delay spread, signal flow, GPS timing synchronization and alignment, bypass operation, and system troubleshooting and replacement of failed components. |



## TECHNICAL TRAINING

### P25 SYSTEM MAINTENANCE TRAINING (Cont'd)

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| BC  | MAYT-BSN8H | CALL          | TRNG, P25 SIMULCAST SYS MAINT, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard P25 SIMULCAST MAINT course with flexibility to customize the content specific to the customer's system. Training can be conducted virtually or at a customer's location.  |
| V   | YTSN8H-A   | 1,500.00      | TRNG, P25 SIMULCAST SYSTEM MAINT, LYH OE This hands-on course provides technicians with the knowledge and skills to operate, maintain, and troubleshoot a P25 simulcast system. Topics include simulcast system operation and concepts, such as capture and non-capture zones and delay spread, signal flow, GPS timing synchronization and alignment, bypass operation, and system troubleshooting and replacement of failed components.  |
| N   | YTST1A-A   | 3,500.00      | TRNG, P25 PROGRAMMING & MAINT, LYH OE This hands-on course provides technicians with an opportunity to put into practice the knowledge developed during prerequisite virtual classroom training on network and site equipment. Hands-on exercises include programming radios, using the Regional Network Manager, configuring equipment with VIDA Device Manager, backing up and restoring Cisco device configurations, deploying SUMS patches, backing up and restoring databases, and performing a VIDA network health check.  |
| BC  | YTSN1A-B   | CALL          | TRNG, P25 PROGRAMMING & MAINT, CUSTOMIZED This course is predicated on the same learning objectives and principals described in our standard P25 PROGRAMMING & MAINT LYH OE course with flexibility to customize the content specific to the customer's system. Training can be conducted at a customer's location.  |
| N   | YTSN9T-A   | 3,500.00      | TRNG, P25 MASTER TECHNICIAN, LYH This hands-on course focuses on system troubleshooting techniques for experienced P25 system technicians. Procedures to monitor, analyze, and isolate problems are discussed and practiced using the Training Center's radio system. Actual faults are installed in the system to simulate typical on-the-job scenarios. At least six months of hands-on experience maintaining a P25 system, and completion of P25 System Overview (YTSN4F-A or YTSN4F-B), Regional Network Manager (YTSN4H-A or YTSN4H-B), Network Operation & Maintenance (YTSN3W-A or YTSN3W-B), MASTR V Station Maintenance (MAYT-ASN8G, MAYT-BSN8G, or YTSN8G-A), and P25 Programming & Maintenance (YTST1A-A or YTST1A-B) are mandatory prerequisites for this course. |

## TECHNICAL TRAINING

### PORTABLE AND MOBILE RADIO MAINTENANCE TRAINING

Radio maintenance courses are available on XL and XG families of portable and mobile radios.

The following table provides a list of standard training courses. The table includes the course number, and the location where the training can be conducted as indicated by the course length.

|   | Course No. | L3Harris Facility | On-Site |
|---|------------|-------------------|---------|
| <b>Portable &amp; Mobile Radio Maintenance Training</b> |            |                   |         |
| XL Portable Radio Maintenance                           | YTSN4A-A   | 2 days            | -       |
| Customized XL Portable Maintenance                      | YTSN4A-B   | -                 | 2 days  |
| XL Mobile Radio Maintenance                             | YTSN4V-A   | 2 days            | -       |
| Customized XL Mobile Maintenance                        | YTSN4V-B   | -                 | 2 days  |

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| N   | YTSN4A-A  | 1,000.00      | TRNG, XL-PORTABLE MAINTENANCE, LYH OE This course provides technicians with the knowledge and skills to program, test, and maintain XL portable radios in accordance with the maintenance manual. Upon completion of the training, technicians will be able to install a maintenance personality into the radio for use during standardized testing; setup and perform standard transmitter and receiver tests on the radio using a P25 capable service monitor; disassemble and reassemble the radio; install the LTE module into the radio; perform automatic test and alignment on the radio using the Aeroflex™ 3920B service monitor and Auto Test software; perform select alignments independent of the AutoTest software; and upgrade the software in the radio.     |
| BC  | YTSN4A-B  | CALL          | TRNG, XL-PORTABLE MAINTENANCE, CUSTOMIZED This course provides technicians with the knowledge and skills to program, test, and maintain XL portable radios in accordance with the maintenance manual. Upon completion of the training, technicians will be able to install a maintenance personality into the radio for use during standardized testing; setup and perform standard transmitter and receiver tests on the radio using a P25 capable service monitor; disassemble and reassemble the radio; install the LTE module into the radio; perform automatic test and alignment on the radio using the Aeroflex™ 3920B service monitor and Auto Test software; perform select alignments independent of the AutoTest software; and upgrade the software in the radio. |

**TECHNICAL TRAINING**

**PORTABLE AND MOBILE RADIO MAINTENANCE TRAINING (Cont'd)**

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| N   | YTSN4V-A  | 1,000.00      | TRNG, XL-MOBILE MAINTENANCE, LYH OE This course will provide technicians with the knowledge and skills to maintain XL mobile radios. During this course, technicians will learn how to program, operate, and maintain the XL mobile radio. Hands-on exercises include programming the radio for manual testing and conducting standard transmitter and receiver performance tests using a P25-capable test set. Radio alignment will be reviewed and conducted per the field serviceability plan of the radio using communication test equipment that supports L3Harris automatic testing and tuning. Technicians will also learn how to perform software maintenance and will be fully prepared to conduct any field maintenance on an XL mobile radio.             |
| BC  | YTSN4V-B  | CALL          | TRNG, XL-MOBILE MAINTENANCE, CUSTOMIZED This on-site course will provide technicians with the knowledge and skills to maintain XL mobile radios. During this course, technicians will learn how to program, operate, and maintain the XL mobile radio. Hands-on exercises include programming the radio for manual testing and conducting standard transmitter and receiver performance tests using a P25-capable test set. Radio alignment will be reviewed and conducted per the field serviceability plan of the radio using communication test equipment that supports L3Harris automatic testing and tuning. Technicians will also learn how to perform software maintenance and will be fully prepared to conduct any field maintenance on an XL mobile radio. |

## TECHNICAL TRAINING

### WEB-BASED TRAINING

A critical component to the success of your communications system is confident users. The L3Harris Technical University (L3HTU) provides access to self-paced eLearning courses which were thoughtfully created to help students master basic concepts inherent in L3Harris systems. Web-based training can build end users' confidence by improving their knowledge of system operation and skills to operate their equipment, thus enhancing performance and reducing the number of trouble reports.

Often, radio users and dispatchers only receive training on their radios and dispatch consoles during initial implementation of a radio system. How much of this training is absorbed and retained? How many operational features are not being utilized correctly, if at all? Web-based training provides a mechanism to effectively deliver refresher training for radio users, dispatchers, supervisors, and system administrators on the operation of radio and dispatch console equipment used in the system. Additionally, it can be used to enhance training for new personnel due to turnover.

The benefits of an eLearning training approach are numerous and include the following:

- Training is accessible whenever it is needed (24 hours a day, seven days a week) from any location that has access to the Internet.
- Courses are self-paced, highly interactive, and developed utilizing animation and other multimedia tools to help keep students engaged, which increases retention.
- It is cost-effective, especially when student or instructor travel and living expenses associated with attending standard classroom instruction are considered.
- Training delivery is consistent and structured to ensure learning objectives are met.

| E/C | Model No. | List Price \$ | Description  |
|-----|-----------|---------------|--|
| V   | YTSN10G-A | 1,500.00      | TRNG, P25 SYSTEM MANAGEMENT WEB BASED This training package is composed of the following training modules: <ul style="list-style-type: none"> <li>• P25 Fleet Mapping Overview</li> <li>• XL-200P Radio Operation</li> <li>• Symphony Console Operation</li> <li>• Radio Programming Overview</li> <li>• Radio Personality Manager (RPM and RPM 2)</li> <li>• Advanced Access Control (AAC)</li> <li>• Unified Administration System (UAS) Overview</li> <li>• Regional Network Manager (RNM) Overview</li> <li>• Active Directory</li> <li>• Activity Warehouse</li> <li>• Enterprise Network Manager (ENM) Overview</li> <li>• Over-The-Air Programming (OTAP)</li> <li>• Over-The-Air Rekeying (OTAR) Fundamentals</li> <li>• Inter-RF Subsystem Interface (ISSI) Fundamentals</li> </ul> |

**TECHNICAL TRAINING**

**WEB-BASED TRAINING**

| E/C | Model No. | List Price \$ | Description   |
|-----|-----------|---------------|---|
| V   | YTSN11G-A | 2,000.00      | <p>TRNG, P25 SYSTEM MAINTENANCE WEB BASED The training package includes all training modules in the P25 System Management Web-based Training Package (see p.2.6-16) plus the following training modules:</p> <ul style="list-style-type: none"> <li>• MASTR V Station Traffic Controller Field Replacement Procedure</li> <li>• MASTR V Station Baseband Module Field Replacement Procedure</li> <li>• P25 Miniature Mobility Exchange (MME)</li> <li>• P25 Network Sentry</li> <li>• P25 Symphony Installation and Configuration</li> <li>• P25 Device Manager Introduction</li> <li>• UAC Interoperability Gateway Overview</li> <li>• VIDA Network Navigation</li> <li>• Introduction to VMware and the vCenter Console Server (VCC)</li> <li>• Security Update Management Service (SUMS) Overview</li> <li>• Cisco® Configuration – Backup and Restore</li> </ul> |
| V   | YTSN12G-A | 60.00         | <p>TRNG, RADIO OPERATION WEB BASED This web-based training package includes access to all operational radio courses. This is especially beneficial to end users who operate and require training on portable and mobile radios.</p>   |
| V   | YTSN13G-A | 180.00        | <p>TRNG, CONSOLE OPERATION WEB BASED This training package includes access to the Symphony™ Dispatch Console Operation course. It covers tasks such as making and receiving group calls, making and receiving individual calls, responding to emergency calls, creating patches and simulselects, and much more.</p>  |
| V   | YTSN14G-A | 200.00        | <p>TRNG, RADIO PROGRAMMING WEB BASED This web-based training package is composed of the following training modules:</p> <ul style="list-style-type: none"> <li>• Radio Programming Overview</li> <li>• Radio Personality Manager (RPM 2)</li> <li>• Advanced Access Control (AAC)</li> </ul>  |
| V   | YTSN15G-A | 500.00        | <p>TRNG, XL-P AND XL-M MAINTENANCE SERIES This maintenance series includes the following training modules which teach system technicians how to operate, program, maintain, and test the XL portable and mobile radios:</p> <ul style="list-style-type: none"> <li>• XL Portable Radio Maintenance</li> <li>• XL Mobile Radio Maintenance</li> </ul>  |

*This page intentionally blank*

**ENGINEERING SERVICES**

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| V   | YVSN1S     | 2,400.00      | SERVICE, L3H SR RF SOLUTIONS ENG Daily rate for Engineering services to predict RF coverage from designated transmission site.   |
| V   | YVSP3H     | 1,590.00      | SERVICE, L3H JR RF SOLUTIONS ENG Daily rate for RF Integrity Engineering Services.   |
| V   | YVSP3J     | 1,127.00      | SERVICE, L3H RF SOLUTIONS TECHNICIAN Daily rate for RF Integrity Technician Services.  |
| V   | YVSN3C     | 605.00        | SERVICE, COVERAGE MAP  |
| V   | YASP1C     | 1,590.00      | SERVICE, L3H PROG DESIGN ENGR Daily rate for Program Design Engineering Services.  |
| V   | MAYA-NSN6L | 2,400.00      | SERVICE, L3H IMPL CHIEF ENGR Daily rate for Implementation Chief Engineering Services.   |
| V   | YBSP1M     | 1,590.00      | SERVICE, L3H PROJECT MANAGEMENT Daily rate for Project Management to assist implementing customer projects.  |
| V   | MAYB-NSN6M | 2,400.00      | SERVICE, L3H SR PROJECT MANAGEMENT Daily rate for Senior Project Management to assist implementing customer projects.  |
| V   | YVSN3A     | 1,500.00      | SERVICE, DATA SYSTEM ENGINEER Daily rate for Data System Engineer.   |
| V   | YVSN1X     | 7,850.00      | SERVICE, DATA LAB VERIFICATION, 1 WEEK Weekly rate for access and support to verify applications on L3Harris' Radio systems.   |
| V   | YVSN1Y     | 605.00        | SERVICE, DATA LAB SETUP Mandatory fee to prepare the Data Lab for verification testing.  |
| V   | YVSN1Z     | 1,200.00      | SERVICE, DATA LAB RETURN VISIT, PER DAY Daily fee for return visits to Data Lab when additional verification testing is required.  |
| V   | YVSN3B     | 1,000.00      | SERVICE, DATA SYSTEM ENGINEER T & L Necessary System Engineering travel and living expense to support site visits.   |
| V   | YSSN1T     | 1,600.00      | SERVICE, SENIOR SYSTEM TECHNICIAN, DAILY RATE Daily rate for Senior Technicians to perform installation, testing, system alignment or evaluate special applications. Travel and living will be billed in addition to this fee. |
| V   | YSSN1U     | 1,300.00      | SERVICE, SYSTEM TECHNICIAN, DAILY RATE Daily rate for Technicians to perform installation, testing, system alignment or evaluate special applications. Travel and living will be billed in addition to this daily rate.        |
| BC  | YCSP3G     | TBD           | SERVICE, FREQUENCY COORDINATION Service provided by vendors. Vendor fees to be reviewed with customer.   |

The Daily Rate is for 8 hours during Normal Working Hours, Monday through Friday, in USD and may be prorated at the discretion of L3Harris.

## ENGINEERING SERVICES

| E/C | Model No. | List Price \$ | Description   |
|-----|-----------|---------------|---|
| BC  | YV-SZ9J   | TBD           | SERVICES AND PRODUCTS, TOWER CONSTRUCTION<br>Engineering and Civil Construction services for tower facility. Tower facility construction includes the sale of associated products for a tower site including without limitation towers, shelters, generators, UPS equipment, and associated utilities, security measures, and site access equipment.  |
| BC  | YV-SZ9H   | TBD           | SERVICES AND PRODUCTS, TOWER REMEDIATION<br>Engineering and Civil Construction services for tower remediation. Tower remediation also includes the sale of associated products and materials for remediation work including without limitation steel, concrete, and other materials for tower and foundation remediation.   |
| BC  | YV-SZ9K   | TBD           | MAINTENANCE SERVICES Maintenance services for tower facility and related products. Maintenance services includes, as agreed upon with the customer and without limitation, maintenance services for the RF and microwave equipment on the tower, the IP/network equipment at the tower site, the power systems at the tower site (generator, UPS, rectifier, batteries, etc.), the energy services for the tower site (site electric, backup fuel, etc.), tower site civil maintenance services (shelter, HVAC, janitorial, groundskeeping, tower structure, grounding, tower lighting access road, etc.), and other tower site related maintenance services. |

The Daily Rate is for 8 hours during Normal Working Hours, Monday through Friday, in USD and may be prorated at the discretion of L3Harris.



**TECHNICAL MANUALS**

| E/C              | Model No.  | List Price \$ | Description  |
|------------------|------------|---------------|--|
| <b>PORTABLES</b> |            |               |  |
| V                | MM400XF    | 65.00         | MANUAL, MAINT, XL PORTABLE For XL-400P                     |
| V                | MM200XL    | 65.00         | MANUAL, MAINT, XL SERIES For XL-200P, XL-185P, and XL-150P |
| V                | MM950XN    | 65.00         | MANUAL, MAINT, XL PORTABLE For XL-95P and XL-45P           |
| V                | MM100XP    | 65.00         | MANUAL, MAINT, UNITY XG-100P                               |
| V                | MM110-XG75 | 65.00         | MANUAL, MAINT, XG-75, VHF                                  |
| V                | MM210-XG75 | 65.00         | MANUAL, MAINT, XG-75, UHF                                  |
| V                | MM780-XG75 | 65.00         | MANUAL, MAINT, XG-75, 700/800 MHZ                          |
| V                | MM450-XG75 | 65.00         | MANUAL, MAINT, XG-75PE, UHF-H                              |
| V                | MM785-XG75 | 65.00         | MANUAL, MAINT, XG-75PE, 700/800 MHZ                        |
| V                | MAMM-780EV | 65.00         | MANUAL, MAINT, P7300, (700/800 MHZ)                        |
| V                | MAMM-450EV | 65.00         | MANUAL, MAINT, P7300, UHF-H (450-512 MHZ) ECP              |
| V                | MM110EX    | 65.00         | MANUAL, MAINT, P5500, VHF                                  |
| V                | MM210EX    | 65.00         | MANUAL, MAINT, P5500, UHF                                  |
| V                | MM810EX    | 65.00         | MANUAL, MAINT, P5500, 800 MHZ                              |
| V                | MM100DP    | 65.00         | MANUAL, MAINT, XG-25P, VHF                                 |
| V                | MM400DP    | 65.00         | MANUAL, MAINT, XG-25P, UHF-L                               |
| V                | MM780DP    | 65.00         | MANUAL, MAINT, XG-25P, 700/800 MHZ                         |
| V                | MM100XR    | 65.00         | MANUAL, MAINT, XG-15P, VHF                                 |
| V                | MM450XR    | 65.00         | MANUAL, MAINT, XG-15P, UHF-H                               |
| V                | MM780XR    | 65.00         | MANUAL, MAINT, XG-15P, 700/800 MHZ                         |
| <b>MOBILES</b>   |            |               |  |
| V                | MM185XT    | 65.00         | MANUAL, MAINT, XL MOBILE For XL-185M and XL-200M           |
| V                | MM400XT    | 25.00         | MANUAL, INSTALL, XL MOBILE For XL-185M and XL-200M         |
| N                | MM400XQ    | 25.00         | MANUAL, INSTALL, XL-85M                                    |
| V                | MM100XM    | 65.00         | MANUAL, MAINT, UNITY XG-100M                               |
| V                | MM400XM    | 25.00         | MANUAL, INSTALL, UNITY XG-100M MOBILE                      |
| V                | MAMM-780MW | 65.00         | MANUAL, MAINT, XG-75M/M7300, M5300 (700/800)               |
| V                | MM450MW    | 65.00         | MANUAL, MAINT, XG-75M/M7300, UHF                           |
| V                | MM150MW    | 65.00         | MANUAL, MAINT, XG-75M/M7300, 136-174 MHZ, 110W             |
| V                | MAMM-100MW | 65.00         | MANUAL, MAINT, XG-75M/M7300 136-174 MHZ, 50W               |
| V                | MM400MW    | 25.00         | MANUAL, INSTALL, XG-75M/M7300                              |
| V                | MAMM-785MW | 65.00         | MANUAL, MAINT, VRS7010 P25 VEHICULAR REPEATER              |
| V                | MAMM-780MV | 65.00         | MANUAL, MAINT, M7200 MOBILE, 700/800 MHZ                   |
| V                | MAMM-785MV | 65.00         | MANUAL, MAINT, M7200 V-TAC, 700/800 MHZ                    |

**TECHNICAL MANUALS**

| E/C                               | Model No.  | List Price \$ | Description  |
|-----------------------------------|------------|---------------|--|
| <b>MOBILES (Cont'd)</b>           |            |               |  |
| V                                 | MM400MV    | 25.00         | MANUAL, INSTALL, M7200 V-TAC MOBILE                  |
| V                                 | MAMM-900HK | 65.00         | MANUAL, MAINT, M5300, 900 MHZ                        |
| V                                 | MM400HK    | 25.00         | MANUAL, INSTALL, M5300                               |
| V                                 | MM100DM    | 65.00         | MANUAL, MAINT, XG-25M, VHF                           |
| V                                 | MM450DM    | 65.00         | MANUAL, MAINT, XG-25M, UHF                           |
| V                                 | MM780DM    | 65.00         | MANUAL, MAINT, XG-25M, 700/800 MHZ                   |
| V                                 | MM400DM    | 25.00         | MANUAL, INSTALL, XG-25M                              |
| <b>DESKTOP/CONTROL STATIONS</b>   |            |               |  |
| V                                 | MAMM-07KCS | 35.00         | MANUAL, MAINT, OPERATOR/INSTALLATION, CS7000         |
| <b>STATION AND SITE EQUIPMENT</b> |            |               |  |
| V                                 | MAMM-100SK | 35.00         | MANUAL, INST, SKYMASTR BASE STATION                  |
| V                                 | MAMM-700SK | 65.00         | MANUAL, MAINT, SKYMASTR BASE STATION, 700 MHZ        |
| V                                 | MAMM-800SK | 65.00         | MANUAL, MAINT, SKYMASTR BASE STATION, 800 MHZ        |
| V                                 | MAMM-900SK | 65.00         | MANUAL, MAINT, SKYMASTR BASE STATION, 900 MHZ        |
| V                                 | MAMM-900SX | 65.00         | MANUAL, EDACS <sup>IP</sup> INTERFACE EQUIPMENT      |
| V                                 | MAMM-980SX | 65.00         | MANUAL, EDACS <sup>IP</sup> RF EQUIPMENT             |
| V                                 | MAMM-170SX | 65.00         | MANUAL, INSTALL, EDACS <sup>IP</sup> SITE            |
| V                                 | MAMM-160SX | 35.00         | MANUAL, INST, EDACS IP, TRANSMIT SITE                |
| V                                 | MAMM-400SA | 65.00         | MANUAL, MAINT, EDACS IP, SITE INTERFACE CABINET      |
| V                                 | MAMM-810SX | 65.00         | MANUAL, MAINT, EDACS IP, MASTR III CABINET, VHF      |
| V                                 | MAMM-840SX | 65.00         | MANUAL, MAINT, EDACS IP, MASTR III CABINET, UHF      |
| V                                 | MAMM-880SX | 65.00         | MANUAL, MAINT, EDACS IP, MASTR III CABINET, 800 MHZ  |
| V                                 | MAMM-010SR | 35.00         | MANUAL, INST, AUXILIARY RECEIVER, EDACS IP           |
| V                                 | MAMM-100SR | 65.00         | MANUAL, MAINT, AUXILIARY RECEIVER, EDACS IP, VHF     |
| V                                 | MAMM-400SR | 65.00         | MANUAL, MAINT, AUXILIARY RECEIVER, EDACS IP, UHF     |
| V                                 | MAMM-800SR | 65.00         | MANUAL, MAINT, AUXILIARY RECEIVER, EDACS IP, 800 MHZ |

**TECHNICAL MANUALS**

| E/C  | Model No. | List Price \$ | Description  |
|--|-----------|---------------|--|
| <b>STATION AND SITE EQUIPMENT (CONT'D)</b> |           |               |  |
| V  | MM120SX   | 35.00         | MANUAL, INSTL, MASTR III ADC EDACS STATION                     |
| V  | MM410SX   | 65.00         | MANUAL, MAINT, MASTR III ADC EDACS STATION, VHF                |
| V  | MM440SX   | 65.00         | MANUAL, MAINT, MASTR III ADC EDACS STATION, UHF                |
| V  | MM480SX   | 65.00         | MANUAL, MAINT, MASTR III ADC EDACS STATION, 800 MHZ            |
| V  | MM110SX   | 35.00         | MANUAL, INSTL, MASTR III ADC P25 CONVENTIONAL STATION          |
| V  | MM310SX   | 65.00         | MANUAL, MAINT, MASTR III ADC P25 CONVENTIONAL STATION, VHF     |
| V  | MM340SX   | 65.00         | MANUAL, MAINT, MASTR III ADC P25 CONVENTIONAL STATION, UHF     |
| V  | MM380SX   | 65.00         | MANUAL, MAINT, MASTR III ADC P25 CONVENTIONAL STATION, 800 MHZ |
| V  | MM100SX   | 35.00         | MANUAL, INSTL, MASTR III ADC CONVENTIONAL STATION              |
| V  | MM210SX   | 65.00         | MANUAL, MAINT, MASTR III ADC CONVENTIONAL STATION, VHF         |
| V  | MM240SX   | 65.00         | MANUAL, MAINT, MASTR III ADC CONVENTIONAL STATION, UHF         |
| V  | MM280SX   | 65.00         | MANUAL, MAINT, MASTR III ADC CONVENTIONAL STATION, 800 MHZ     |
| V  | MM150SR   | 35.00         | MANUAL, INSTALL, MASTR III P25 AUXILIARY RECEIVER              |
| V  | MM710SR   | 65.00         | MANUAL, MAINT, MASTR III P25 AUXILIARY RECEIVER, VHF           |
| V  | MM740SR   | 65.00         | MANUAL, MAINT, MASTR III P25 AUXILIARY RECEIVER, UHF           |
| V  | MM780SR   | 65.00         | MANUAL, MAINT, MASTR III P25 AUXILIARY RECEIVER, 800 MHZ       |
| V  | MM130SX   | 35.00         | MANUAL, INSTL, EDACS MASTR E-NET ADC                           |
| V  | MM510SX   | 65.00         | MANUAL, MAINT, MASTR E-NET ADC EDACS, VHF                      |
| V  | MM540SX   | 65.00         | MANUAL, MAINT, MASTR E-NET ADC EDACS, UHF                      |
| V  | MM580SX   | 65.00         | MANUAL, MAINT, MASTR E-NET ADC EDACS, 800 MHZ                  |
| V  | MM001SR   | 35.00         | MANUAL, INSTL, MASTR III AUXILIARY RECEIVER                    |
| V  | MM002SR   | 65.00         | MANUAL, MAINT, MASTR III AUXILIARY RECEIVER, VHF               |
| V  | MM003SR   | 65.00         | MANUAL, MAINT, MASTR III AUXILIARY RECEIVER, UHF               |
| V  | MM004SR   | 65.00         | MANUAL, MAINT, MASTR III AUXILIARY RECEIVER, 800 MHZ           |

**TECHNICAL MANUALS**

| E/C  | Model No.  | List Price \$ | Description   |
|--|------------|---------------|---|
| <b>STATION AND SITE EQUIPMENT (CONT'D)</b> |            |               |   |
| V  | MM001SA    | 65.00         | MANUAL, INSTL/MAINT, SITE INTERFACE MODULE (SIM)        |
| V  | MM001SC    | 210.00        | MANUAL, MAINT, EDACS GPS SIMULCAST                      |
| V  | MAMM-002VP | 65.00         | MANUAL, MAINT, EDACS COMPACT VERTICAL VOTER, SITEPRO    |
| V  | MM001VP    | 65.00         | MANUAL, MAINT, EDACS COMPACT VERTICAL VOTER             |
| V  | MM001VR    | 65.00         | MANUAL, MAINT, ANALOG VOTER                             |
| V  | MAMM-100SV | 35.00         | MANUAL, INSTALL MASTR V P25 TRUNKING BASE STATION       |
| V  | MAMM-110SV | 65.00         | MANUAL, MAINT, MASTR V P25 TRUNKING SITE                |
| V  | MAMM-120SV | 210.00        | MANUAL, MAINT, MASTR V P25 TRUNKED SIMULCAST            |
| V  | MM120SV-IP | 210.00        | MANUAL, INSTAL, MASTR V IP SIMULCAST                    |
| V  | MM130SV-IP | 35.00         | MANUAL, INSTAL, MASTR V IP SMLCST, DCP                  |
| V  | MM250SR-IP | 35.00         | MANUAL, INSTAL, MASTR V IP AUX RX                       |
| V  | MM250SR    | 35.00         | MANUAL, INSTAL, MASTR V AUX RX                          |
| V  | MAMM-150SX | 35.00         | MANUAL, INST, P25 TRUNKING, TRANSMIT SITE               |
| V  | MAMM-300SA | 65.00         | MANUAL, MAINT, P25 TRUNKING, SITE INTERFACE CABINET     |
| V  | MAMM-710SX | 65.00         | MANUAL, MAINT, P25 TRUNKING, MASTR III CABINET, VHF     |
| V  | MAMM-740SX | 65.00         | MANUAL, MAINT, P25 TRUNKING, MASTR III CABINET, UHF     |
| V  | MAMM-780SX | 65.00         | MANUAL, MAINT, P25 TRUNKING, MASTR III CABINET, 800 MHZ |
| V  | MAMM-100SC | 210.00        | MANUAL, MAINT, P25 SIMULCAST SYSTEM BINDERS, VHF        |
| V  | MAMM-400SC | 210.00        | MANUAL, MAINT, P25 SIMULCAST SYSTEM BINDERS, UHF        |
| V  | MAMM-800SC | 210.00        | MANUAL, MAINT, P25 SIMULCAST SYSTEM BINDERS, 800 MHZ    |
| V  | MM100SV-CV | 35.00         | MANUAL, INSTAL, MASTR V P25C IP REPEATER                |
| V  | MM120SV-CV | 210.00        | MANUAL, INSTAL, MASTR V P25C IP SIMULCAST               |
| V  | MM250SR-CV | 35.00         | MANUAL, INSTAL, MASTR V P25C IP AUX RX                  |
| V  | MAMM-1CDXX | 25.00         | MANUAL, SITE GROUNDING LIGHTNING PROTECTION, CD         |
| V  | MAMM-100XX | 65.00         | MANUAL, SITE GROUNDING PROTECTION, BLACK & WHITE        |
| V  | MAMM-110XX | 85.00         | MANUAL, SITE GROUNDING PROTECTION, COLOR                |
| V  | MAMM-100SG | 35.00         | MANUAL, INSTALL, SITE PREP GUIDELINES                   |

**TECHNICAL MANUALS**

| E/C                                     | Model No.  | List Price \$ | Description   |
|---|------------|---------------|---|
| <b>NETWORK SWITCHING AND MANAGEMENT</b> |            |               |   |
| V                                       | MM100NS    | 25.00         | MANUAL, PRODUCT, VIDA PREMIER SYS ON DVD                                    |
| V                                       | MM200NS    | 25.00         | MANUAL, PRODUCT, VIDA SYSTEM ON CD  |
| V                                       | MM300NS    | 25.00         | MANUAL, PRODUCT, VIDA SYS 10A.1 ON CD                                       |
| V                                       | MM400NS    | 25.00         | MANUAL, PRODUCT, VIDA SYS 10A.2 ON CD                                       |
| V                                       | MM500NS    | 25.00         | MANUAL, PRODUCT, VIDA SYS 10A.3 ON CD                                       |
| V                                       | MM600NS    | 25.00         | MANUAL, PRODUCT, VIDA SYS 10A.4 ON CD                                       |
| V                                       | MM100NG    | 25.00         | MANUAL, PROD, VIDA FOUNDATION SYS ON DVD                                    |
| V                                       | MM200NG    | 25.00         | MANUAL, PROD, VIDA FOUNDATION W/NF ON DVD                                   |
| V                                       | MAMM-400VM | 65.00         | MANUAL, PRODUCT, VIDA CONSOLE EXCHANGE                                      |
| V                                       | MM100VS    | 35.00         | MANUAL, INSTAL/CONFIG, VIDA SECURITY  |
| V                                       | MAMM-610NA | 160.00        | MANUAL, OPER/INST P25 TRUNKING SYSTEM/NETWORK BUNDLE                        |
| V                                       | MAMM-200NM | 35.00         | MANUAL, INST/CONFIG, REGIONAL SITE MANAGER (RSM)                            |
| V                                       | MAMM-100NM | 35.00         | MANUAL, OPER/INST, CENTRALIZED NETWORK MANAGER AND REGIONAL NETWORK MANAGER |
| V                                       | MAMM-300NM | 35.00         | MANUAL, INST/CONF, OVER-THE-AIR REKEYING (OTAR)                             |
| V                                       | MAMM-200NA | 35.00         | MANUAL, OPER/INST, UNIFIED ADMINISTRATION SYSTEM (UAS)                      |
| V                                       | MAMM-100NS | 35.00         | MANUAL, INST/CONF, NETWORK SWITCHING SERVER (NSS)                           |
| V                                       | MAMM-100NG | 35.00         | MANUAL, INST, OPENSKY INTEROPERABILITY                                      |
| V                                       | MAMM-300NG | 65.00         | MANUAL, MAINT, 4-SLOT, INTEROPERABILITY GATEWAY                             |
| V                                       | MM100MS    | 35.00         | MANUAL, PRODUCT, EDACS MIGRATION GATEWAY                                    |
| V                                       | MAMM-400NM | 35.00         | MANUAL, INST/CONFIG, REGIONAL VIDA MANAGER                                  |
| V                                       | MAMM-100ME | 35.00         | MANUAL, INSTL, IpMC   |
| V                                       | MAMM-200ME | 65.00         | MANUAL, MAINT, IpMC   |
| V                                       | MAMM-005NW | 35.00         | MANUAL, OPER/INSTL, CENTRALIZED TELEPHONE INTERCONNECT (CTI)                |

**TECHNICAL MANUALS**

| E/C                              | Model No.  | List Price \$ | Description                                  |
|----------------------------------|------------|---------------|--|
| <b>DISPATCH SYSTEMS/CONSOLES</b> |            |               |  |
| S                                | MM100UD    | 25.00         | MANUAL, OP/INSTA/CONFIG, SYMPHONY, CD        |
| V                                | MM200UD    | 25.00         | MANUAL, OP/INSTA/CONFIG, MIP, W/SYMPHONY, CD |
| V                                | MAMM-200UC | 65.00         | MANUAL, MAINT, C3 MAESTROIP                  |
| V                                | MM200UC-CD | 25.00         | MANUAL, OPER/INSTA, C3 MAESTROIP, CD         |
| V                                | MAMM-100UC | 65.00         | MANUAL, OPER/INSTALL, VIP CONSOLE            |
| V                                | MM100UC-CD | 25.00         | MANUAL, PRODUCT, VIP DISPATCH, CD            |
| V                                | MM003CR    | 35.00         | MANUAL, TECHNICAL REFERENCE, CADLINK II      |
| <b>APPLICATIONS</b>              |            |               |  |
| V                                | MM100BN    | 35.00         | MANUAL, USER, BEON CLIENT                    |
| V                                | MM200BN    | 25.00         | MANUAL, PRODUCT, BEON UNITE ON CD            |
| V                                | MM300BN    | 35.00         | MANUAL, PRODUCT, BEON SERVERS                |

## BROADBAND MANAGED SERVICES

Product Code: SB

L3Harris Broadband Managed Services can provide State of Florida SLERS users with FirstNet® nationwide broadband access via the LTE network of a market-leading carrier with flexible prepaid data and data management for L3Harris LTE-ready radios. Broadband Services from L3Harris are designed to meet the unique needs of Public Safety and are ideal for departments with fleets of devices using FirstNet broadband services. For system administrators, L3Harris broadband services:

- Improve deployment and convenience with a single vendor for equipment and broadband support – SIM cards are already installed or can be purchased directly from L3Harris, eliminating the hassle of dealing with another vendor for SIM cards and separate data contracts
- Reduce costs through affordable plans and simplified data management via a secure, cloud-based Management Portal providing powerful policy management tools

| E/C | Model No. | List Price \$ | Description   |
|-----|-----------|---------------|---|
| N   | SB-SLRS1  | 10.00         | BROADBAND, 1MO, FIRSTNET, SOF, SLERS ONLY Available for use on State of Florida SLERS project only    |
| N   | SB-SLRS2  | 13.00         | BROADBND, 1GB DATA, FIRSNET, SOF, SLERS ONLY Available for use on State of Florida SLERS project only |

### Broadband Managed Services Components

#### Device Activation

An L3Harris Customer Support Representative activates the devices on the carrier’s FirstNet broadband network, so there is no need for multiple vendors or phone calls to get started. XL-185Ps and XL-200Ps equipped with LTE will have the SIM cards already installed and ready for activation, eliminating the hassle of dealing with another vendor.

#### Active Line of Service – Subscription Points

Devices using broadband data will each require a monthly line of service Subscription Point. A Subscription Point also includes access to the Management Portal. The number of Subscription Points purchased is based on the number of active devices multiplied by the number of months for which the purchase is being made. Once purchased, Subscription Points are available until used.

#### Prepaid Pool of Shared Data

Data is purchased on a per Gigabyte (GB) basis, and volume of data purchased is based on anticipated needs. Once purchased, the data is available until used—there are no overage charges or underutilization and no expiration. The data is pooled across all active devices in the department or group.

#### Management Portal

A robust Management Portal is included with L3Harris Broadband Managed Services. With this intuitive cloud-based portal, the System Administrator’s job of managing multiple devices becomes easier and more effective. The portal provides a host of features that improve department or agency productivity while reducing costs.

Management portal features include:

- Management of pooled data usage across multiple customer-defined hierarchical levels (reflecting, for example, different regions, agencies, departments, sub-departments, business units, etc.)
  - Pool data over the entire account or subgroups
  - View account dashboard on visited websites and used applications
  - Create individual reports on web activity

**Latest Products and Pricing on the Web**  
<https://premier.pspc.harris.com/infocenter/>



## BROADBAND MANAGED SERVICES

Product Code: SB

### Broadband Managed Services Components (Cont'd)

#### Management Portal (Cont'd)

- Dynamic web filtering
  - Screen by website category and URL
  - Filter by whitelist/blacklist based on keyword
  - Block inappropriate sites
- Time-of-day policy
  - Allow or block usage during certain hours, days, or weeks
- Data usage monitoring
  - Use the account dashboard to create reports on data usage
  - Roll over unused data
  - Buy data when needed
  - No monthly plans that expire
- Data consumption controls
  - Set daily and monthly data limits per line
  - Control video and high-data applications
  - Block high-data sites
- Excessive data usage alerts
- Reporting and analytics
  - Complete oversight of all devices
  - View reports and analytics

### Broadband Managed Services Benefits

L3Harris provides a single point of contact for flexible and competitive broadband services, making it easier to deploy and manage LTE-enabled XL radios.

- **Ready-to-go convenience.** By having the SIM cards pre-installed in the radios, the System Administrator's job is simplified – just a single phone call or email is required for activation
- **FirstNet nationwide coverage.** L3Harris Broadband Managed Services utilize a top carrier's reliable FirstNet nationwide broadband network to provide the comprehensive coverage users expect
- **Single source for equipment and support.** Eliminate the hassle of dealing with third parties for SIM cards, separate data contracts, and ongoing support
- **Visibility into data consumption.** The powerful Management Portal provides administrators with insightful reporting on data usage and policy management tools to improve productivity and reduce data costs

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## XL-400P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XF



**Black**  
**Extreme Keypad**



**Green**  
**Extreme Keypad**

The XL-400P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-400P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description                           |
|--|----------------|---------------|---------------------------------------|
| <b>1. Transceiver (Select Frequency Range) (All models below include the P25 Conventional Operational Mode Package, premium strap, and holster)</b>                        |                |               |                                       |
| <b>Full Keypad (Orderable as NFPA or Non-NFPA)</b>   |                |               |                                       |
| C  | XF-PFM1M-NA*   | 9,995.00      | PORTABLE, XL-400P, XTRMKP, BLK, NA    |
| C  | XF-PFM1P-NA*   | 9,995.00      | PORTABLE, XL-400P, XTRMKP, PGRN, NA   |
| C  | XF-PFM1M-INTL* | 9,995.00      | PORTABLE, XL-400P, XTRMKP, BLK, INTL  |
| C  | XF-PFM1P-INTL* | 9,995.00      | PORTABLE, XL-400P, XTRMKP, PGRN, INTL |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XF-PL8T, LTE Operation feature bit, selected. |                |               |                                       |
| N  | XF-PL8T        | 1,350.00      | FEATURE, LTE                          |
| <b>Frequency Range</b>   |                |               |                                       |
| NB   | XF-PKGF1       | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB   | XF-PKGF2       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB   | XF-PKGF3       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB   | XF-PKGF4       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XF-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800           |
| N  | XF-PL4K        | 0.01          | FEATURE, SINGLE BAND, UHF             |
| N  | XF-PL4J        | 0.01          | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**Latest Products and Pricing on the Web**  
<https://premier.pspc.harris.com/infocenter/>

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XF

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C                                  | Model No.   | List Price \$ | Description   |
|--------------------------------------|-------------|---------------|---|
| <b>2. Antenna (Select one)</b>       |             |               |   |
| N                                    | XF-AN9F     | 140.00        | ANTENNA, FLEX, HELICAL, XTRM, 136-870 MHZ   |
| <b>3. Operational Mode Packages*</b> |             |               |   |
| NB                                   | XF-P25ED    | 2,500.00      | FEATURE PACKAGE, P25 AND EDACS TRUNKING<br>EDACS includes analog trunking, ProVoice™ digital trunking, Status Message, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband for EDACS only. Does not support any form of EDACS on VHF/UHF |
| NB                                   | XF-PKGPT    | 1,800.00      | FEATURE PACKAGE, P25 TRUNKING Includes Phase 1 Trunking and Status Message  |
| NB                                   | XF-PKG6D    | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation  |
| N                                    | XF-PL6A     | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc MCPTT subscription for service and LTE modem operation  |
| N                                    | XF-PL6J     | 500.00        | FEATURE, MCPTT, GENERIC   |
| N                                    | BM-PKGCL-XL | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi® networks. A BeOn Server is required to enable this option   |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.**

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XF

| E/C                         | Model No. | List Price \$ | Description   |
|-----------------------------|-----------|---------------|---|
| <b>4. SIM Cards</b>         |           |               |   |
| VN                          | XF-SV1T   | 12.00         | SIM CARD, FIRSTNET WHT, IND GRD, BMS, GOLD CHIP<br>Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet. This is a high-temperature industrial grade SIM |
| VN                          | XF-SV3K   | 12.00         | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN                          | XF-SV1F   | 12.00         | SIM CARD, AT&T COMM, IND GRADE, BMS, GOLD CHIP<br>Removable Nano SIM that can be added through the product configurator. This is a high-temperature industrial grade SIM  |
| VN                          | XF-SV1V   | 12.00         | SIM CARD, VERIZON, IND GRADE, BMS, GOLD CHIP<br>Removable Nano SIM that can be added through the product configurator. This is a high-temperature industrial grade SIM  |
| <b>5. Device Management</b> |           |               |   |
| L                           | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L                           | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L                           | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L                           | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XF

| E/C                           | Model No. | List Price \$ | Description                          |
|-------------------------------|-----------|---------------|--------------------------------------|
| <b>6. Encryption Options*</b> |           |               |                                      |
| N                             | XF-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION** |
| N                             | XF-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION** |
| N                             | XF-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***          |
| N                             | XF-PL4D   | 300.00        | FEATURE, DES-CFB                     |
| N                             | XF-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION  |

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available on EDACS. Encryption Lite must be selected in the Product Configurator.

**Option for AES Encrypted Radios**

|   |         |      |                                       |
|---|---------|------|---------------------------------------|
| N | XF-PL7J | 1.00 | FEATURE, FIPS 140-2 OPERATION LEVEL 1 |
|---|---------|------|---------------------------------------|

**7. Software Features****Software Options**

|   |         |        |   |
|---|---------|--------|---|
| N | XF-PL9X | 300.00 | FEATURE, ENTERPRISE WI-FI Enables EAP-TLS (Enterprise Wi-Fi) and 802.11r (fast access point roaming) functionality. The radio must have a CCM module installed to utilize this feature. |
| N | XF-PL4E | 275.00 | FEATURE, CONVENTIONAL VOTE SCAN   |
| N | XF-PL8R | 140.00 | FEATURE, RF SAFE When option is enabled, the radio is always in RF Safe mode (0.1W) and is locked at 0.1W power   |
| N | XF-PL9V | 140.00 | FEATURE, USER SAFETY TO ICS   |
| N | XF-FW2X | 0.01   | OPERATION, LOAD NIFOG PERSONALITY   |

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XF

| E/C                                  | Model No. | List Price \$ | Description   |
|--------------------------------------|-----------|---------------|---|
| <b>7. Software Features (Cont'd)</b> |           |               |   |
| <b>P25 Software Options</b>          |           |               |   |
| N                                    | XF-PL5L   | 700.00        | FEATURE, P25 OTAR (OVER-THE-AIR-REKEYING)   |
| N                                    | XF-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |
| NB                                   | XF-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes MDT and Radio TextLink   |
| N                                    | XF-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                                    | XF-PL5K   | 395.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM  |
| N                                    | XF-PL9K   | 350.00        | FEATURE, VIDA ID  |
| N                                    | XF-PL4F   | 275.00        | FEATURE, P25 PHASE 2, TDMA  |
| N                                    | XF-PL8N   | 330.00        | FEATURE, IN-BAND GPS  |
| N                                    | XF-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N                                    | XF-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB                                   | XF-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                                    | XF-PL8M   | 195.00        | FEATURE, EDATA  |
| N                                    | XF-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                                    | XF-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD<br>This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers  |

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XF

| E/C   | Model No. | List Price \$ | Description                          |
|---|-----------|---------------|--------------------------------------|
| <b>8. Battery (Select one)</b>  |           |               |                                      |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |                                      |
| N   | XF-PA4N   | 275.00        | BATTERY, LI-ION, XTRM                |
| N   | XF-PA4Z   | 295.00        | BATTERY ELIMINATOR, XL-400           |
| <b>9. Chargers</b>  |           |               |                                      |
| <b>Rapid Chargers</b>   |           |               |                                      |
| N   | XF-CH6G   | 945.00        | CHARGER, 6-BAY, PREMIUM, XL-400P     |
| N   | XF-CH6F   | 250.00        | CHARGER, SINGLE-BAY +                |
| N   | XF-CH6A   | 295.00        | CHARGER, 1-BAY, XTRM                 |
| <b>Vehicular Chargers</b>   |           |               |                                      |
| N   | XF-CH6H   | 265.00        | CHARGER, VEHICULAR, PREMIUM, XL-400P |

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XF

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>10. Audio Accessories</b>  |           |               |  |
| N   | XF-CJ4B   | 250.00        | ADAPTER, 6-PIN HIROSE, EXT CABLE   |
| N   | XF-AE1S   | 189.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT  |
| <b>Speaker Microphones</b>  |           |               |  |
| C   | XF-AE3J   | 825.00        | SPKR MIC, XL XTRM, NFPA 1802 W/UDC, BLK  |
| C   | XF-AE3H   | 825.00        | SPKR MIC, XL XTRM, NFPA 1802 W/UDC, GRN  |
| N   | XF-CJ4F   | 75.00         | DONGLE, SPKR MIC, HAZARD ZONE  |
| N   | XF-AE2W   | 425.00        | SPEAKER MIC, 500F, XL-400P For use with all XL-400P portables  |
| N   | XF-AE2J   | 335.00        | MICROPHONE, ANTENNA SPEAKER, EMRG, 25.6 IN   |
| N   | XF-AE1V   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED   |
| N   | XF-AE2T   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand  |
| N   | XF-AE4B   | 225.00        | SPEAKER MICROPHONE, EMERG BUTTON   |
| N   | XF-AE9N   | 199.00        | SPEAKER MICROPHONE   |
| N   | XF-AE2V   | 275.00        | SPEAKER MIC, REVO NC2, C1D2 Features passive noise cancellation, IP-68 immersion, 360-degree clothing clip, 2.5mm earphone jack, PTT/emergency buttons, and Hi/Lo volume slider switch |
| N   | XF-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece   |
| N   | XF-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker Mics that have an earphone jack  |
| <b>Surveillance Accessories</b>   |           |               |  |
| N   | XF-AE1M   | 695.00        | THROAT MIC, W/ACOUSTIC TUBE & BODY PTT   |
| N   | XF-AE1N   | 625.00        | THROAT MIC, W/ACOUSTIC TUBE, BODY & RING PTT   |
| <b>Subminiature Remote Control Options</b>  |           |               |  |
| The following subminiature options are not approved for use in hazardous atmospheres. |           |               |  |
| N   | XF-AE6H   | 235.00        | MICROPHONE, MINI-LAPEL, 3-WIRE, BLACK  |
| N   | XF-AE6G   | 235.00        | MICROPHONE, PALM, 2-WIRE, BLACK  |

**XL-400P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XF

| E/C                                   | Model No. | List Price \$ | Description  |
|---------------------------------------|-----------|---------------|--|
| <b>10. Audio Accessories (Cont'd)</b> |           |               |  |
| <b>Headsets</b>                       |           |               |  |
| N                                     | XF-AE2E   | 689.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, IN-LINE PTT               |
| N                                     | XF-AE2F   | 799.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, PIGTAIL PTT               |
| N                                     | XF-AE1P   | 625.00        | HEADSET, HEAVY DUTY, BTH, W/PTT                            |
| N                                     | XF-AE1R   | 625.00        | HEADSET, HEAVY DUTY, OTH, W/PTT                            |
| <b>11. Carrying Accessories</b>       |           |               |  |
| N                                     | XF-HC8C   | 305.00        | CASE, STRAP, ANTI-SWAY, HOMELAND6, EXTREME (Bundle)        |
| N                                     | XF-HC7P   | 160.00        | CASE, EXTREME RADIO (Holster only)                         |
| N                                     | XF-HC7L   | 125.00        | STRAP, EXTREME REFLECTIVE, STANDARD LENGTH<br>(Strap only) |
| N                                     | XF-HC7M   | 130.00        | STRAP, EXTREME REFLECTIVE, XL LENGTH (Strap only)          |
| N                                     | XF-HC7R   | 20.00         | ANTI-SWAY STRAP, EXTREME (Anti-sway only)                  |
| N                                     | XF-HC3L   | 35.00         | BELT CLIP, METAL   |
| <b>Premium Cases</b>                  |           |               |  |
| N                                     | XF-HC8A   | 80.00         | CASE, XTRM, LEATHER, D-POST                                |
| N                                     | XF-HC8B   | 70.00         | CASE, XTRM, LEATHER, BELT LOOP, D-RINGS                    |



**XL-400P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XF

| E/C                                      | Model No.     | List Price \$ | Description   |
|--|---------------|---------------|---|
| <b>12. Miscellaneous</b>                 |               |               |   |
| <b>Connectors</b>                        |               |               |   |
| N  | XF-ZN7V       | 12.00         | COVER, SIDE CONNECTOR, XL-400P  |
| <b>Cables</b>                            |               |               |   |
| N  | XF-CJ4A       | 250.00        | CABLE, DATA INTERFACE   |
| N  | XF-CJ3A       | 250.00        | CABLE, USB, PROGRAMMING   |
| N  | XF-CJ3B       | 215.00        | CABLE, KVL, KEY LOADING   |
| S  | 14035-6100-A1 | 190.00        | KFD CABLE, TIA ADAPTER Enables loading of encryption keys from the Tait KFD to an XL portable |
| <b>Warranty*</b>                         |               |               |   |
| N  | XF-Y1EWP      | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL400P  |
| N  | XF-Y2EWP      | 200.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL400P  |
| N  | XF-Y3EWP      | 250.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL400P  |
| *Includes one year of Device Management. |               |               |   |
| <b>Australian C-Tick Certification</b>   |               |               |   |
| N  | XF-CERT1      | 0.01          | OPTION, C-TICK CERTIFICATION  |
| <b>Manuals</b>                           |               |               |   |
| V  | MM400XF       | 65.00         | MANUAL, MAINT, XL PORTABLE For XL-400P  |
| V  | MM100BN       | 35.00         | MANUAL, USER, BEON CLIENT   |

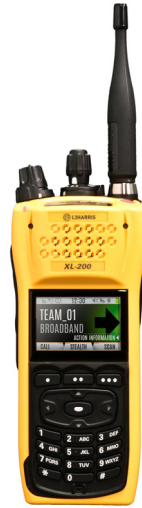
*This page intentionally blank*

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description |
|---|-----------|---------------|-------------|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |             |

| <b>Full Keypad</b> |              |          |                                      |
|--------------------|--------------|----------|--------------------------------------|
| C                  | XL-PFM1M-NA* | 3,950.00 | PORTABLE, XL-200P, FKP, BLK, US, NA  |
| C                  | XL-PFM2M-NA* | 3,950.00 | PORTABLE, XL-200P, FKP, BLK, NRB, NA |

Non-rebanded radios support frequencies up to 870 MHz

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected.

| N                      | XL-PL8T  | 1,350.00 | FEATURE, LTE                          |
|------------------------|----------|----------|---------------------------------------|
| <b>Frequency Range</b> |          |          |                                       |
| NB                     | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB                     | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB                     | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB                     | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N                      | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N                      | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N                      | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For loader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description   |
|--|----------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b>                                    |                |               |   |
| <b>Full Keypad</b>   |                |               |   |
| C  | XL-PFM2M-INTL* | 3,950.00      | PORTABLE, XL-200P, FKP, BLK, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |
| C  | XL-PFM1Y-NA*   | 3,950.00      | PORTABLE, XL-200P, FKP, YEL, US, NA<br>Non-rebanded radios support frequencies up to 870 MHz    |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected. |                |               |   |
| N  | XL-PL8T        | 1,350.00      | FEATURE, LTE  |
| <b>Frequency Range</b>   |                |               |   |
| NB   | XL-PKGF1       | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800   |
| NB   | XL-PKGF2       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB   | XL-PKGF3       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800   |
| NB   | XL-PKGF4       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800   |
| N  | XL-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800   |
| N  | XL-PL4K        | 0.01          | FEATURE, SINGLE BAND, UHF   |
| N  | XL-PL4J        | 0.01          | FEATURE, SINGLE BAND, VHF   |

**For keyloader, see section 9.**

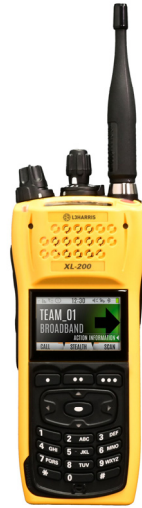
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description   |
|--|----------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b>                                    |                |               |   |
| <b>Full Keypad</b>   |                |               |   |
| C  | XL-PFM2Y-NA*   | 3,950.00      | PORTABLE, XL-200P, FKP, YEL, NRB, NA<br>Non-rebanded radios support frequencies up to 870 MHz   |
| C  | XL-PFM2Y-INTL* | 3,950.00      | PORTABLE, XL-200P, FKP, YEL, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected. |                |               |   |
| N  | XL-PL8T        | 1,350.00      | FEATURE, LTE  |
| <b>Frequency Range</b>   |                |               |   |
| NB   | XL-PKGF1       | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800   |
| NB   | XL-PKGF2       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB   | XL-PKGF3       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800   |
| NB   | XL-PKGF4       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800   |
| N  | XL-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800   |
| N  | XL-PL4K        | 0.01          | FEATURE, SINGLE BAND, UHF   |
| N  | XL-PL4J        | 0.01          | FEATURE, SINGLE BAND, VHF   |

**For loader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## **XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.    | List Price \$ | Description                           |
|--|--------------|---------------|---------------------------------------|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b>                                    |              |               |                                       |
| <b>Full Keypad</b>   |              |               |                                       |
| C  | XL-PFM1P-NA* | 3,950.00      | PORTABLE, XL-200P, FKP, PGRN, US, NA  |
| C  | XL-PFM2P-NA* | 3,950.00      | PORTABLE, XL-200P, FKP, PGRN, NRB, NA |
| Non-rebanded radios support frequencies up to 870 MHz  |              |               |                                       |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected. |              |               |                                       |
| N  | XL-PL8T      | 1,350.00      | FEATURE, LTE                          |
| <b>Frequency Range</b>   |              |               |                                       |
| NB   | XL-PKGF1     | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB   | XL-PKGF2     | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB   | XL-PKGF3     | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB   | XL-PKGF4     | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L      | 0.01          | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K      | 0.01          | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J      | 0.01          | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |                |          |  |
|---|----------------|----------|--|
| C | XL-PFM2P-INTL* | 3,950.00 | PORTABLE, XL-200P, FKP, PGRN, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |
|---|----------------|----------|--|

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XL-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## **XL-200P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Partial Keypad**



**Black-Yellow  
Partial Keypad**



**Green  
Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description   |
|--|----------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b>                                    |                |               |   |
| <b>Partial Keypad</b>  |                |               |   |
| C  | XL-PPM1M-NA*   | 3,650.00      | PORTABLE, XL-200P, PKP, BLK, US, NA   |
| C  | XL-PPM2M-NA*   | 3,650.00      | PORTABLE, XL-200P, PKP, BLK, NRB, NA<br>Non-rebanded radios support frequencies up to 870 MHz   |
| C  | XL-PPM2M-INTL* | 3,650.00      | PORTABLE, XL-200P, PKP, BLK, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected. |                |               |   |
| N  | XL-PL8T        | 1,350.00      | FEATURE, LTE  |
| <b>Frequency Range</b>   |                |               |   |
| NB   | XL-PKGF1       | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800   |
| NB   | XL-PKGF2       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB   | XL-PKGF3       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800   |
| NB   | XL-PKGF4       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800   |
| N  | XL-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800   |
| N  | XL-PL4K        | 0.01          | FEATURE, SINGLE BAND, UHF   |
| N  | XL-PL4J        | 0.01          | FEATURE, SINGLE BAND, VHF   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## XL-200P PORTABLES

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Partial Keypad**



**Black-Yellow  
Partial Keypad**



**Green  
Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description                            |
|--|----------------|---------------|--|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b>                                    |                |               |  |
| <b>Partial Keypad</b>  |                |               |  |
| C  | XL-PPM1Y-NA*   | 3,650.00      | PORTABLE, XL-200P, PKP, YEL, US, NA    |
| C  | XL-PPM2Y-NA*   | 3,650.00      | PORTABLE, XL-200P, PKP, YEL, NRB, NA   |
| Non-rebanded radios support frequencies up to 870 MHz  |                |               |  |
| C  | XL-PPM2Y-INTL* | 3,650.00      | PORTABLE, XL-200P, PKP, YEL, NRB, INTL |
| Non-rebanded radios support frequencies up to 870 MHz  |                |               |  |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected. |                |               |  |
| N  | XL-PL8T        | 1,350.00      | FEATURE, LTE                           |
| <b>Frequency Range</b>   |                |               |  |
| NB   | XL-PKGF1       | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800  |
| NB   | XL-PKGF2       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF    |
| NB   | XL-PKGF3       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800  |
| NB   | XL-PKGF4       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800  |
| N  | XL-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800            |
| N  | XL-PL4K        | 0.01          | FEATURE, SINGLE BAND, UHF              |
| N  | XL-PL4J        | 0.01          | FEATURE, SINGLE BAND, VHF              |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Partial Keypad**



**Black-Yellow  
Partial Keypad**



**Green  
Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Partial Keypad**

|   |                |          |  |
|---|----------------|----------|--|
| C | XL-PPM1P-NA*   | 3,650.00 | PORTABLE, XL-200P, PKP, PGRN, US, NA   |
| C | XL-PPM2P-NA*   | 3,650.00 | PORTABLE, XL-200P, PKP, PGRN, NRB, NA<br>Non-rebanded radios support frequencies up to 870 MHz   |
| C | XL-PPM2P-INTL* | 3,650.00 | PORTABLE, XL-200P, PKP, PGRN, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XL-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XL-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

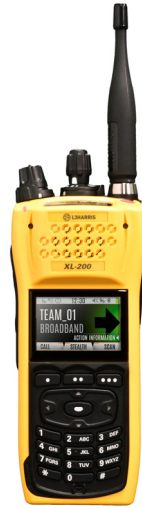
## XL-200P PORTABLES

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |               |          |  |
|---|---------------|----------|--|
| C | XL-PFM1M-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, MID BLK, US, C1D1 |
| C | XL-PFM1Y-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, BLK-YEL, US, C1D1 |
| C | XL-PFM1P-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, PGRN, US, C1D1    |

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## **XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |               |          |  |
|---|---------------|----------|--|
| C | XL-PFM2M-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, MIDNT BLK, NRB, C1D1<br>Non-rebanded radios support frequencies up to 870 MHz |
| C | XL-PFM2Y-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, BLK-YEL, NRB, C1D1<br>Non-rebanded radios support frequencies up to 870 MHz   |

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

**EXPORT CONTROL NOTE:** Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |               |          |   |
|---|---------------|----------|---|
| C | XL-PFM2P-C1D1 | 4,425.00 | PORTABLE, XL-200P, FULL, PGRN, NRB, C1D1<br>Non-rebanded radios support frequencies up to 870 MHz |
|---|---------------|----------|---|

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
 Partial Keypad**



**Black-Yellow  
 Partial Keypad**



**Green  
 Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Partial Keypad**

|   |               |          |   |
|---|---------------|----------|---|
| C | XL-PPM1M-C1D1 | 4,125.00 | PORTABLE, XL-200P, PARTIAL, MID BLK, US, C1D1 |
| C | XL-PPM1Y-C1D1 | 4,125.00 | PORTABLE, XL-200P, PARTIAL, BLK-YEL, US, C1D1 |
| C | XL-PPM1P-C1D1 | 4,125.00 | PORTABLE, XL-200P, PART, PGRN, US, C1D1       |
| C | XL-PPM2M-C1D1 | 4,125.00 | PORTABLE, XL-200P, PART, MIDNT BLK, NRB, C1D1 |

Non-rebanded radios support frequencies up to 870 MHz

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## **XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
 Partial Keypad**



**Black-Yellow  
 Partial Keypad**



**Green  
 Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Partial Keypad**

|   |               |          |  |
|---|---------------|----------|--|
| C | XL-PPM2Y-C1D1 | 4,125.00 | PORTABLE, XL-200P, PART, BLK-YEL, NRB, C1D1<br>Non-rebanded radios support frequencies up to 870 MHz |
| C | XL-PPM2P-C1D1 | 4,125.00 | PORTABLE, XL-200P, PART, PGRN, NRB, C1D1<br>Non-rebanded radios support frequencies up to 870 MHz    |

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |          |          |  |
|---|----------|----------|--|
| C | XL-PFM1M | 3,950.00 | PORTABLE, XL-200P, FULL, MIDNT BLK, US |
| C | XL-PFM1Y | 3,950.00 | PORTABLE, XL-200P, FULL, BLK-YEL, US   |
| C | XL-PFM1P | 3,950.00 | PORTABLE, XL-200P, FULL, PGRN, US      |

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



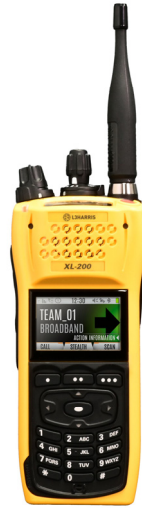
## XL-200P PORTABLES

Band: VHF, UHF, 700/800

Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |   |
| <b>Full Keypad</b>  |           |               |   |
| C   | XL-PFM2M  | 3,950.00      | PORTABLE, XL-200P, FULL, MIDNT BLK, NRB Non-rebanded radios support frequencies up to 870 MHz |
| C   | XL-PFM2Y  | 3,950.00      | PORTABLE, XL-200P, FULL, BLK-YEL, NRB Non-rebanded radios support frequencies up to 870 MHz   |
| <b>Frequency Range</b>  |           |               |   |
| NB  | XL-PKGF1  | 1,795.00      | FEATURE PACKAGE, ALL BANDS, V+U+7/800   |
| NB  | XL-PKGF2  | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB  | XL-PKGF3  | 1,250.00      | FEATURE PACKAGE, DUAL BAND, VHF+7/800   |
| NB  | XL-PKGF4  | 1,250.00      | FEATURE PACKAGE, DUAL BAND, UHF+7/800   |
| N   | XL-PL4L   | 0.01          | FEATURE, SINGLE BAND, 7/800   |
| N   | XL-PL4K   | 0.01          | FEATURE, SINGLE BAND, UHF   |
| N   | XL-PL4J   | 0.01          | FEATURE, SINGLE BAND, VHF   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-200P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
Full Keypad**



**Black-Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad**

|   |          |          |  |
|---|----------|----------|--|
| C | XL-PFM2P | 3,950.00 | PORTABLE, XL-200P, FULL, PGRN, NRB Non-rebanded radios support frequencies up to 870 MHz |
|---|----------|----------|--|

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL



**Midnight Black  
 Partial Keypad**



**Black-Yellow  
 Partial Keypad**



**Green  
 Partial Keypad**

The XL-200P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-200P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type and Frequency Range) (All models below include the P25 Conventional Operational Mode Package)**

**Partial Keypad**

|   |          |          |   |
|---|----------|----------|---|
| C | XL-PPM1M | 3,650.00 | PORTABLE, XL-200P, PARTIAL, MIDNT BLK, US   |
| C | XL-PPM1Y | 3,650.00 | PORTABLE, XL-200P, PARTIAL, BLK-YEL, US   |
| C | XL-PPM1P | 3,650.00 | PORTABLE, XL-200P, PART, PGRN, US   |
| C | XL-PPM2M | 3,650.00 | PORTABLE, XL-200P, PART, MIDNT BLK, NRB Non-rebanded radios support frequencies up to 870 MHz |

**Frequency Range**

|    |          |          |                                       |
|----|----------|----------|---------------------------------------|
| NB | XL-PKGF1 | 1,795.00 | FEATURE PACKAGE, ALL BANDS, V+U+7/800 |
| NB | XL-PKGF2 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+UHF   |
| NB | XL-PKGF3 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, VHF+7/800 |
| NB | XL-PKGF4 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, UHF+7/800 |
| N  | XL-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800           |
| N  | XL-PL4K  | 0.01     | FEATURE, SINGLE BAND, UHF             |
| N  | XL-PL4J  | 0.01     | FEATURE, SINGLE BAND, VHF             |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.       | List Price \$ | Description   |
|---|-----------------|---------------|---|
| <b>2. Antenna (Select one)</b>  |                 |               |   |
| N   | XL-NC5Z         | 125.00        | ANTENNA, FLEX, HELICAL, 136-870 MHZ   |
| N   | XL-NC8E         | 70.00         | ANTENNA, WHIP, DUAL-BAND, UHF/700/800 MHZ   |
| N   | XL-NC8D         | 50.00         | ANTENNA, WHIP, 1/2 WAVE 762-870 MHZ   |
| N   | XL-NC8F         | 45.00         | ANTENNA, WHIP, 1/4 WAVE, 762-870 MHZ  |
| <b>3. Immersible Mode (This feature upgrades the radio to Immersible operation)</b> |                 |               |   |
| N   | XL-PKGMR        | 265.00        | OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)  |
| <b>4. Operational Mode Packages*</b>  |                 |               |   |
| NB  | XL-P25ED        | 2,500.00      | FEATURE PACKAGE, P25 AND EDACS TRUNKING<br>EDACS includes analog trunking, ProVoice™ digital trunking, Status Message, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband for EDACS only. Does not support any form of EDACS on VHF/UHF |
| NB  | XL-PKGPT        | 1,800.00      | FEATURE PACKAGE, P25 TRUNKING Includes Phase 1 Trunking and Status Message  |
| NB  | XL-PKGED        | 1,950.00      | FEATURE PACKAGE, EDACS TRUNKING Includes analog trunking, ProVoice™ digital trunking, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband for EDACS only. Does not support any form of EDACS on VHF/UHF                                  |
| N   | XL-LTE-NA-UG    | 1,725.00      | UPGRDE KIT, XL-200P, LTE, NA MODEM Provides a kitted module for fielded radios manufactured after 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.  |
| N   | XL-LTE-INTL-UG  | 1,725.00      | UPGRDE KIT, XL-200P, LTE, INTL MODEM Provides a kitted module for fielded radios manufactured after 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.  |
| N   | XL-LTE-NA-LUG   | 1,950.00      | LEGACY UPGRDE KIT, XL-200P, LTE, NA MODEM Provides a kitted module for fielded radios manufactured between 2/2017 and 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.                        |
| N   | XL-LTE-INTL-LUG | 1,950.00      | LEGACY UPGRDE KIT, XL-200P, LTE, INTL MODEM Provides a kitted module for fielded radios manufactured between 2/2017 and 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.                      |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.**

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C   | Model No.   | List Price \$ | Description   |
|---|-------------|---------------|---|
| <b>4. Operational Mode Packages* (Cont'd)</b> |             |               |   |
| NB  | XL-PKG6D    | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation                                    |
| N   | XL-PL6A     | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc MCPTT subscription for service and LTE modem operation                                  |
| N   | XL-PL6J     | 500.00        | FEATURE, MCPTT, GENERIC   |
| N   | BM-PKGCL-XL | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi® networks. A BeOn Server is required to enable this option |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.**

|                     |         |       |   |
|---------------------|---------|-------|---|
| <b>5. SIM Cards</b> |         |       |   |
| VN                  | XL-SV1V | 12.00 | SIM CARD, VERIZON, BMS Removable Nano SIM that can be purchased separately and added to LTE-capable devices. A non-removable embedded SIM is included and added to LTE-capable radios manufactured after October 25, 2019                                   |
| VN                  | XL-SV1T | 12.00 | SIM CARD, AT&T COMMERCIAL, BMS Removable Nano SIM that can be added through the product configurator  |
| VN                  | XL-SV1F | 2.00  | SIM CARD, FIRSTNET BLACK (CARRIER) Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet. |
| VN                  | XL-SV3K | 12.00 | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN                  | XL-SV1W | 0.01  | SIM CARD, SOUTHERN LINC (CARRIER)   |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C  | Model No. | List Price \$ | Description   |
|--|-----------|---------------|---|
| <b>6. Device Management</b>  |           |               |   |
| L  | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L  | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L  | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L  | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |
| <b>7. HazLoc Options</b>   |           |               |   |
| N  | XL-PA4L   | 275.00        | BATT, LION, 4800, HI-CAP, HAZLOC RADIO C1D2<br>This option upgrades the radio to UL Class 1 Division 2 hazardous locations. It equips the radio with the necessary markings and a UL high-capacity battery. |
| N  | XL-PA2A   | 250.00        | BATTERY, LION, 3100, HAZLOC RADIO C1D2, UL<br>This option upgrades the radio to UL Class 1 Division 2 hazardous locations. It equips the radio with the necessary markings and a UL battery.                |
| <b>8. Encryption Options*</b>  |           |               |   |
| N  | XL-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION**  |
| N  | XL-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**  |
| N  | XL-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***   |
| N  | XL-PL4D   | 300.00        | FEATURE, DES-CFB  |
| N  | XL-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION   |
| *Ordering multi-key AES provides full P25 CAP compliance.  |           |               |   |
| **Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.              |           |               |   |
| ***Encryption Lite is standard on digital operational modes and is not available on EDACS. Encryption Lite must be selected in the Product Configurator. |           |               |   |
| <b>Option for AES Encrypted Radios</b>   |           |               |   |
| N  | XL-PL7J   | 1.00          | FEATURE, FIPS 140-2 OPERATION LEVEL 1   |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: XL

| E/C                         | Model No. | List Price \$ | Description   |
|-----------------------------|-----------|---------------|---|
| <b>9. Software Features</b> |           |               |   |
| <b>Software Options</b>     |           |               |   |
| N                           | XL-PL9X   | 300.00        | FEATURE, ENTERPRISE WI-FI Enables EAP-TLS (Enterprise Wi-Fi) and 802.11r (fast access point roaming) functionality. The radio must have a CCM module installed to utilize this feature.   |
| N                           | XL-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N                           | XL-PL6B   | 200.00        | FEATURE, ADVANCED SAFETY Suite of safety features designed around NFPA Standard features including two-action power off, ESM over-temperature alert, out-of-range indication, RSM failure detection, low-battery capacity visual indicator, Bluetooth paired indicator, and display backlight customization. This feature is currently unavailable for C1D1 models. |
| N                           | XL-PL8R   | 140.00        | FEATURE, RF SAFE When option is enabled, the radio is always in RF Safe mode (0.1W) and is locked at 0.1W power   |
| N                           | XL-PL9V   | 140.00        | FEATURE, USER SAFETY TO ICS   |
| N                           | XL-FW2X   | 0.01          | OPERATION, LOAD NIFOG PERSONALITY   |
| <b>P25 Software Options</b> |           |               |   |
| N                           | XL-PL5L   | 700.00        | FEATURE, P25 OTAR (OVER-THE-AIR-REKEYING)   |
| N                           | XL-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |
| NB                          | XL-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes MDT and Radio TextLink   |
| N                           | XL-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                           | XL-PL5K   | 395.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM  |
| N                           | XL-PL9K   | 350.00        | FEATURE, VIDA ID  |
| N                           | XL-PL4F   | 275.00        | FEATURE, P25 PHASE 2, TDMA  |
| N                           | XL-PL8N   | 330.00        | FEATURE, IN-BAND GPS  |
| N                           | XL-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N                           | XL-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum  |
| NB                          | XL-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements   |
| N                           | XL-PL8M   | 195.00        | FEATURE, EDATA  |
| N                           | XL-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>9. Software Features (Cont'd)</b>  |           |               |  |
| <b>P25 Software Options(Cont'd)</b>   |           |               |  |
| N   | XL-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD<br>This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers                           |
| <b>10. Battery (Select one)</b>   |           |               |  |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |  |
| N   | XL-PA4K   | 195.00        | BATTERY, LI-ION, HI-CAPACITY, 4800 MAH   |
| N   | XL-PA4M   | 230.00        | BATTERY, LI-ION, HI-CAPACITY, 4800 MAH, C1D2 For use as a spare UL C1D2 high-capacity battery with XL-PA4L. Ordering this UL battery for use with a non-HazLoc radio does not produce a HazLoc radio |
| N   | XL-PA3V   | 175.00        | BATTERY, LI-ION, 3100 MAH  |
| N   | XL-PA5C   | 225.00        | BATTERY, LI-ION, 3100 MAH, UL, C1D1  |
| N   | XL-PA3X   | 195.00        | BATTERY, LI-ION, 3100 MAH, UL C1D2 For use as a spare battery with UL C1D2 radio option XL-PA2A. Ordering this UL battery for use with a non-HazLoc radio does not produce a HazLoc radio            |
| <b>11. Chargers</b>   |           |               |  |
| <b>Rapid Chargers</b>   |           |               |  |
| N   | XL-CH6F   | 250.00        | CHARGER, SINGLE-BAY +  |
| N   | XL-CH6A   | 295.00        | CHARGER, 1-BAY   |
| N   | XL-CH4Z   | 17.00         | KIT, RSM HANGER, 1-BAY DESK CHARGER  |
| N   | XL-CH4Y   | 12.00         | KIT, GANG PLATE, 1-BAY DESK CHARGER  |
| N   | XL-CH5B   | 275.00        | WALL MOUNT KIT, CHARGER, 6-BAY, XL-200P  |
| N   | XL-CH6G   | 945.00        | CHARGER, 6-BAY, PREMIUM, XL-200P This option replaces XL-CH5A. Option also accommodates the XL-400P  |
| S   | AT6085A   | 950.00        | CHARGER, 12 BAY, LITHIUM, XL Charges batteries only. Does not charge radios with batteries attached  |
| <b>Vehicular Chargers</b>   |           |               |  |
| N   | XL-CH6H   | 265.00        | CHARGER, VEHICULAR, PREMIUM, XL-200P This option replaces XL-CH4W. Option also accommodates the XL-400P  |
| N   | XL-PS9X   | 40.00         | POWER ADAPTER KIT, VC4000 CHARGER  |
| N   | XL-CH5T   | 1,599.00      | ENH VEH CHGR, XL GLOBAL LTE, STANDARD For use with all XL-200P Global LTE portables using standard capacity (3100 mAh) batteries.  |



**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C                                | Model No. | List Price \$ | Description   |
|------------------------------------|-----------|---------------|---|
| <b>11. Chargers (Cont'd)</b>       |           |               |   |
| <b>Vehicular Chargers (Cont'd)</b> |           |               |   |
| N                                  | XL-CH5U   | 1,599.00      | ENH VEH CHGR, XL GLOBAL LTE, HIGH CAP For use with all XL-200P Global LTE portables using high capacity (4800 mAh) batteries.   |
| N                                  | XL-CH5M   | 1,599.00      | ENH VEH CHGR, XL, STANDARD For use with standard or Verizon LTE-equipped XL portables using standard capacity (3100 mAh) batteries.   |
| N                                  | XL-CH5N   | 1,599.00      | ENH VEH CHGR, XL, HIGH CAPACITY For use with standard or Verizon LTE-equipped XL portables using high capacity (4800 mAh) batteries.  |
| N                                  | XL-CH5R   | 1,599.00      | ENH VEH CHGR, XL, HAZLOC For use with UL C1D1 rated XL portables using the L3Harris UL C1D1 rated HazLoc battery.   |
| N                                  | XL-AE2X   | 250.00        | MICROPHONE, BOOM, EVC, XL-200   |
| <b>12. Audio Accessories</b>       |           |               |   |
| N                                  | XL-CJ4B   | 225.00        | ADAPTER, 6-PIN HIROSE, EXT CABLE  |
| N                                  | XL-AE1S   | 189.00        | BLUETOOTH, COVERT, EARPICCE/MIC/PTT   |
| <b>Speaker Microphones</b>         |           |               |   |
| N                                  | XL-AE2W   | 425.00        | SPEAKER MIC, 500F, XL-200P For use with all XL-200P portables, including UL C1D2 and UL C1D1 Hazardous Location rated   |
| N                                  | XL-AE2J   | 335.00        | MICROPHONE, ANTENNA SPEAKER, EMRG, 25.6 IN  |
| N                                  | XL-AE1V   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED  |
| N                                  | XL-AE2T   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand   |
| N                                  | XL-AE4B   | 255.00        | SPEAKER MICROPHONE, EMERG BUTTON  |
| N                                  | XL-AE9N   | 199.00        | SPEAKER MICROPHONE  |
| N                                  | XL-AE2V   | 275.00        | SPEAKER MIC, REVO NC2, C1D2 Features passive noise cancellation, IP-68 immersion, 360-degree clothing clip, 2.5mm earphone jack, PTT/emergency buttons, and Hi/Lo volume slider switch. UL C1D2 HazLoc rating for use with UL C1D2 rated XL portables |
| N                                  | XL-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the cable with 2.5 mm plug, transducer, acoustic tube, and earpiece  |
| N                                  | XL-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker Mics that have an earphone jack   |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>12. Audio Accessories (Cont'd)</b>   |           |               |  |
| <b>Surveillance Accessories</b>   |           |               |  |
| N   | XL-AE1L   | 875.00        | SKULL MIC, W/BODY PTT & EARCUP   |
| N   | XL-AE1M   | 695.00        | THROAT MIC, W/ACOUSTIC TUBE, BODY & RING PTT   |
| N   | XL-AE1N   | 625.00        | THROAT MIC, W/ACOUSTIC TUBE & BODY PTT   |
| <b>Subminiature Remote Control Options</b>  |           |               |  |
| The following subminiature options are not approved for use in hazardous atmospheres. |           |               |  |
| N   | XL-AE6H   | 235.00        | MICROPHONE, MINI-LAPEL, 3-WIRE, BLACK  |
| N   | XL-AE6G   | 255.00        | MICROPHONE, PALM, 2-WIRE, BLACK  |
| N   | XL-AE6M   | 235.00        | MICROPHONE, PALM, 2-WIRE, BEIGE  |
| <b>Headsets</b>   |           |               |  |
| N   | XL-AE2A   | 689.00        | HEADSET, IN-EAR, BOOM MIC, IN-LINE PTT   |
| N   | XL-AE2C   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, IN-LINE PTT  |
| N   | XL-AE2D   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, PIGTAIL PTT  |
| N   | XL-AE2E   | 689.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, IN-LINE PTT   |
| N   | XL-AE2F   | 799.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, PIGTAIL PTT   |
| N   | XL-AE1P   | 625.00        | HEADSET, HEAVY DUTY, BTH, W/PTT  |
| N   | XL-AE1R   | 625.00        | HEADSET, HEAVY DUTY, OTH, W/PTT  |
| <b>13. Carrying Accessories</b>   |           |               |  |
| N   | XL-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM  |
| N   | XL-HC3J   | 55.00         | STRAP, LEATHER   |
| N   | XL-HC3L   | 30.00         | BELT CLIP, METAL   |
| N   | XL-HC3K   | 20.00         | STRAP, NYLON   |
| <b>Standard Cases</b>   |           |               |  |
| N   | XL-HC4Y   | 120.00        | CASE, LEATHER, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces |
| N   | XL-HC4W   | 120.00        | CASE, LEATHER, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery  |
| N   | XL-HC4V   | 100.00        | CASE, LEATHER, W/ BELT LOOP, BLK HDW Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces        |
| N   | XL-HC6Y   | 65.00         | CASE, LEATHER, 2.5 IN BELT LOOP, DSWIVEL, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)   |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C                                      | Model No. | List Price \$ | Description  |
|--|-----------|---------------|--|
| <b>13. Carrying Accessories (Cont'd)</b> |           |               |  |
| <b>Standard Cases (Cont'd)</b>           |           |               |  |
| N  | XL-HC6Z   | 55.00         | CASE, LEATHER, 3 IN BELT LOOP, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)  |
| N  | XL-HC4Z   | 60.00         | CASE, LEATHER, 2.5" BELT LOOP, D-SWIVEL For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |
| N  | XL-HC6A   | 50.00         | CASE, LEATHER, 3" BELT LOOP For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |
| N  | XL-HC4X   | 80.00         | CASE, NYLON, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces |
| N  | XL-HC4U   | 80.00         | CASE, NYLON, BLACK, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery   |
| N  | XL-HC4T   | 75.00         | CASE, NYLON, BLACK, MOLLE STRAP Can be used with all XL portable radio and battery combinations. Case contains no reflective surfaces  |
| N  | XL-HC7W   | 75.00         | CASE, NYLON, TAN, MOLLE STRAP Can be used with all XL portable radio and battery combinations  |
| <b>Premium Cases</b>                     |           |               |  |
| N  | XL-HC4R   | 200.00        | CASE, LEATHER, PREMIUM, SHOULDER STRAP, LTE Only for use with XL portables that have the LTE option installed and using standard or UL CID2 batteries (XL-PA3V and XL-PA3X)                      |
| N  | XL-HC7T   | 195.00        | KIT, CASE, LTHR, NO D-POST, W/RINGS, SSTRAP, PREM Only for use with XL portables that do not have the LTE option installed and using the standard or UL CID2 batteries (XL-PA3V and XL-PA3X)     |
| N  | XL-HC4P   | 175.00        | CASE, LEATHER, PREM, BELT LOOP, D-SWIVEL, LTE Only for use with XL portables that have the LTE option installed and using standard or UL CID2 batteries (XL-PA3V and XL-PA3X)                    |
| N  | XL-HC4L   | 170.00        | KIT, CASE, LTHR, W/DPOST, W/RNGS, PREM Only for use with XL portables that do not have the LTE option installed and using standard or UL CID2 batteries (XL-PA3V and XL-PA3X)                    |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C                                      | Model No.     | List Price \$ | Description  |
|--|---------------|---------------|--|
| <b>13. Carrying Accessories (Cont'd)</b> |               |               |  |
| <b>Premium Cases (Cont'd)</b>            |               |               |  |
| N  | XL-HC7S       | 155.00        | CASE, LTHR, NO D-POST, W/RINGS, PREMIUM Only for use with XL portables that do not have the LTE option installed and using the standard or UL CID2 batteries (XL-PA3V and XL-PA3X) |
| N  | XL-HC4K       | 145.00        | KIT, CASE, LEATHER, W/DPOST, PREM Only for use with XL portables that do not have the LTE option installed and using standard or UL CID2 batteries (XL-PA3V and XL-PA3X)           |
| VN                                       | XL-HC7Z       | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE  |
| VN                                       | XL-HC8E       | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE, BRN   |
| VN                                       | XL-HC8D       | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE   |
| VN                                       | XL-HC8F       | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE, BRN  |
| <b>14. Miscellaneous</b>                 |               |               |  |
| <b>Knob Kit</b>                          |               |               |  |
| S  | 14035-1948-30 | 28.00         | KIT, GLOVE FRIENDLY KNOB COVER – VOL&CHAN  |
| <b>Connectors</b>                        |               |               |  |
| N  | XL-ZN7V       | 12.00         | COVER, SIDE CONNECTOR, XL-200P   |
| <b>Cables</b>                            |               |               |  |
| N  | XL-CJ4A       | 250.00        | CABLE, DATA INTERFACE  |
| N  | XL-CJ3A       | 250.00        | CABLE, USB, PROGRAMMING  |
| N  | XL-CJ3B       | 215.00        | CABLE, KVL, KEY LOADING  |
| S  | 14035-6100-A1 | 190.00        | KFD CABLE, TIA ADAPTER Enables loading of encryption keys from the Tait KFD to an XL portable  |

**XL-200P PORTABLES**

Band: VHF, UHF, 700/800  
 Product Code: XL

| E/C                                      | Model No. | List Price \$ | Description                              |
|--|-----------|---------------|--|
| <b>14. Miscellaneous (Cont'd)</b>        |           |               |  |
| <b>Warranty*</b>                         |           |               |  |
| N  | XL-Y1EWP  | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL200P |
| N  | XL-Y2EWP  | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL200P |
| N  | XL-Y3EWP  | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL200P |
| *Includes one year of Device Management. |           |               |  |
| <b>Australian C-Tick Certification</b>   |           |               |  |
| N  | XL-CERT1  | 0.01          | OPTION, C-TICK CERTIFICATION             |
| <b>Manuals</b>                           |           |               |  |
| V  | MM200XL   | 65.00         | MANUAL, MAINT, XL SERIES                 |
| V  | MM100BN   | 35.00         | MANUAL, USER, BEON CLIENT                |

*This page intentionally blank*

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Full Keypad**



**Yellow**  
**Full Keypad**



**Green**  
**Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.      | List Price \$ | Description                                 |
|---|----------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b>   |                |               |   |
| <b>Full Keypad Multi-Band</b>   |                |               |   |
| C   | XS-PFM9M-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8/9, FKP, BLK, US, NA  |
| C   | XS-PFS1M-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, BLK, US, NA    |
| C   | XS-PFSVM-NA*   | 2,750.00      | PORTABLE, XL-185P, VHF, FKP, BLK, NA        |
| C   | XS-PFSUM-NA*   | 2,750.00      | PORTABLE, XL-185P, UHF, FKP, BLK, NA        |
| C   | XS-PFS2M-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, BLK, NRB, NA   |
| C   | XS-PFS2M-INTL* | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, BLK, NRB, INTL |
| Non-rebanded radios support frequencies up to 870 MHz   |                |               |   |
| * <b>WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected. |                |               |   |
| N   | XS-PL8T        | 1,350.00      | FEATURE, LTE                                |
| <b>Frequency Band Options for Multi-Band Radios</b>   |                |               |   |
| N   | XS-PL4J        | 0.01          | FEATURE, SINGLE BAND VHF                    |
| N   | XS-PL4K        | 0.01          | FEATURE, SINGLE BAND UHF                    |
| N   | XS-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800                 |
| N   | XS-PL9D        | 0.01          | FEATURE, SINGLE BAND, 900                   |
| NB  | XS-PKGF5       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900     |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
Full Keypad**



**Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)**

**Full Keypad Multi-Band**

|   |                |          |   |
|---|----------------|----------|---|
| C | XS-PFM9Y-NA*   | 2,750.00 | PORTABLE, XL-185P, 7/8/9, FKP, YEL, US, NA  |
| C | XS-PFS1Y-NA*   | 2,750.00 | PORTABLE, XL-185P, 7/8, FKP, YEL, US, NA    |
| C | XS-PFSVY-NA*   | 2,750.00 | PORTABLE, XL-185P, VHF, FKP, YEL, NA        |
| C | XS-PFSUY-NA*   | 2,750.00 | PORTABLE, XL-185P, UHF, FKP, YEL, NA        |
| C | XS-PFS2Y-NA*   | 2,750.00 | PORTABLE, XL-185P, 7/8, FKP, YEL, NRB, NA   |
| C | XS-PFS2Y-INTL* | 2,750.00 | PORTABLE, XL-185P, 7/8, FKP, YEL, NRB, INTL |

Non-rebanded radios support frequencies up to 870 MHz  
 Non-rebanded radios support frequencies up to 870 MHz

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XS-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**Frequency Band Options for Multi-Band Radios**

|    |          |          |   |
|----|----------|----------|---|
| N  | XS-PL4J  | 0.01     | FEATURE, SINGLE BAND VHF                |
| N  | XS-PL4K  | 0.01     | FEATURE, SINGLE BAND UHF                |
| N  | XS-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800             |
| N  | XS-PL9D  | 0.01     | FEATURE, SINGLE BAND, 900               |
| NB | XS-PKGF5 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, 7/800 + 900 |

**For loader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Full Keypad**



**Yellow**  
**Full Keypad**



**Green**  
**Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description                                  |
|--|----------------|---------------|--|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b>  |                |               |  |
| <b>Full Keypad Multi-Band</b>  |                |               |  |
| C  | XS-PFM9P-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8/9, FKP, PGRN, US, NA  |
| C  | XS-PFS1P-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, PGRN, US, NA    |
| C  | XS-PFSVP-NA*   | 2,750.00      | PORTABLE, XL-185P, VHF, FKP, PGRN, NA        |
| C  | XS-PFSUP-NA*   | 2,750.00      | PORTABLE, XL-185P, UHF, FKP, PGRN, NA        |
| C  | XS-PFS2P-NA*   | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, PGRN, NRB, NA   |
| C  | XS-PFS2P-INTL* | 2,750.00      | PORTABLE, XL-185P, 7/8, FKP, PGRN, NRB, INTL |
| Non-rebanded radios support frequencies up to 870 MHz  |                |               |  |
| Non-rebanded radios support frequencies up to 870 MHz  |                |               |  |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected. |                |               |  |
| N  | XS-PL8T        | 1,350.00      | FEATURE, LTE                                 |
| <b>Frequency Band Options for Multi-Band Radios</b>  |                |               |  |
| N  | XS-PL4J        | 0.01          | FEATURE, SINGLE BAND VHF                     |
| N  | XS-PL4K        | 0.01          | FEATURE, SINGLE BAND UHF                     |
| N  | XS-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800                  |
| N  | XS-PL9D        | 0.01          | FEATURE, SINGLE BAND, 900                    |
| NB   | XS-PKGF5       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900      |

**For loader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Partial Keypad**



**Yellow**  
**Partial Keypad**



**Green**  
**Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- P25 Trunking
- Conventional
- EDACS®
- P25 Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)**

**Partial Keypad Multi-Band**

|   |                |          |   |
|---|----------------|----------|---|
| C | XS-PPM9M-NA*   | 2,500.00 | PORTABLE, XL-185P, 7/8/9, PKP, BLK, US, NA  |
| C | XS-PPS1M-NA*   | 2,500.00 | PORTABLE, XL-185P, 7/8, PKP, BLK, US, NA    |
| C | XS-PPSVM-NA*   | 2,500.00 | PORTABLE, XL-185P, VHF, PKP, BLK, NA        |
| C | XS-PPSUM-NA*   | 2,500.00 | PORTABLE, XL-185P, UHF, PKP, BLK, NA        |
| C | XS-PPS2M-NA*   | 2,500.00 | PORTABLE, XL-185P, 7/8, PKP, BLK, NRB, NA   |
| C | XS-PPS2M-INTL* | 2,500.00 | PORTABLE, XL-185P, 7/8, PKP, BLK, NRB, INTL |

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XS-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**Frequency Band Options for Multi-Band Radios**

|    |          |          |   |
|----|----------|----------|---|
| N  | XS-PL4J  | 0.01     | FEATURE, SINGLE BAND VHF                |
| N  | XS-PL4K  | 0.01     | FEATURE, SINGLE BAND UHF                |
| N  | XS-PL4L  | 0.01     | FEATURE, SINGLE BAND, 7/800             |
| N  | XS-PL9D  | 0.01     | FEATURE, SINGLE BAND, 900               |
| NB | XS-PKGF5 | 1,250.00 | FEATURE PACKAGE, DUAL BAND, 7/800 + 900 |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Partial Keypad**



**Yellow**  
**Partial Keypad**



**Green**  
**Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description   |
|--|----------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b>  |                |               |   |
| <b>Partial Keypad Multi-Band</b>   |                |               |   |
| C  | XS-PPM9Y-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8/9, PKP, YEL, US, NA  |
| C  | XS-PPS1Y-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8, PKP, YEL, US, NA  |
| C  | XS-PPSVY-NA*   | 2,500.00      | PORTABLE, XL-185P, VHF, PKP, YEL, NA  |
| C  | XS-PPSUY-NA*   | 2,500.00      | PORTABLE, XL-185P, UHF, PKP, YEL, NA  |
| C  | XS-PPS2Y-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8, PKP, YEL, NRB, NA   |
| C  | XS-PPS2Y-INTL* | 2,500.00      | Non-rebanded radios support frequencies up to 870 MHz<br>PORTABLE, XL-185P, 7/8, PKP, YEL, NRB, INTL<br>Non-rebanded radios support frequencies up to 870 MHz |
| <b>*WARNING:</b> Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected. |                |               |   |
| N  | XS-PL8T        | 1,350.00      | FEATURE, LTE  |
| <b>Frequency Band Options for Multi-Band Radios</b>  |                |               |   |
| N  | XS-PL4J        | 0.01          | FEATURE, SINGLE BAND VHF  |
| N  | XS-PL4K        | 0.01          | FEATURE, SINGLE BAND UHF  |
| N  | XS-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800   |
| N  | XS-PL9D        | 0.01          | FEATURE, SINGLE BAND, 900   |
| NB   | XS-PKGF5       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
 Partial Keypad**



**Yellow  
 Partial Keypad**



**Green  
 Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C   | Model No.      | List Price \$ | Description                                  |
|---|----------------|---------------|--|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b>   |                |               |  |
| <b>Partial Keypad Multi-Band</b>  |                |               |  |
| C   | XS-PPM9P-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8/9, PKP, PGRN, US, NA  |
| C   | XS-PPS1P-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8, PKP, PGRN, US, NA    |
| C   | XS-PPSVP-NA*   | 2,500.00      | PORTABLE, XL-185P, VHF, PKP, PGRN NA         |
| C   | XS-PPSUP-NA*   | 2,500.00      | PORTABLE, XL-185P, UHF, PKP, PGRN, NA        |
| C   | XS-PPS2P-NA*   | 2,500.00      | PORTABLE, XL-185P, 7/8, PKP, PGRN, NRB, NA   |
| C   | XS-PPS2P-INTL* | 2,500.00      | PORTABLE, XL-185P, 7/8, PKP, PGRN, NRB, INTL |
| *WARNING: Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XS-PL8T, LTE Operation feature bit, selected. |                |               |  |
| N   | XS-PL8T        | 1,350.00      | FEATURE, LTE                                 |
| <b>Frequency Band Options for Multi-Band Radios</b>   |                |               |  |
| N   | XS-PL4J        | 0.01          | FEATURE, SINGLE BAND VHF                     |
| N   | XS-PL4K        | 0.01          | FEATURE, SINGLE BAND UHF                     |
| N   | XS-PL4L        | 0.01          | FEATURE, SINGLE BAND, 7/800                  |
| N   | XS-PL9D        | 0.01          | FEATURE, SINGLE BAND, 900                    |
| NB  | XS-PKGF5       | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900      |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## **XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
Full Keypad**



**Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.     | List Price \$ | Description                                    |
|---|---------------|---------------|--|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |               |               |  |
| <b>Full Keypad Single Band</b>  |               |               |  |
| C   | XS-PFS1M-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, BLK, US, C1D1   |
| C   | XS-PFS1Y-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, YEL, US, C1D1   |
| C   | XS-PFS1P-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, PGRN, US, C1D1  |
| C   | XS-PFS2M-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, BLK NRB, C1D1   |
| C   | XS-PFS2Y-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, YEL, NRB, C1D1  |
| C   | XS-PFS2P-C1D1 | 3,175.00      | PORTABLE, XL-185P, 7/800, FKP, PGRN, NRB, C1D1 |
| C   | XS-PFSVM-C1D1 | 3,175.00      | PORTABLE, XL-185P, VHF, FKP, BLK, C1D1         |
| C   | XS-PFSVY-C1D1 | 3,175.00      | PORTABLE, XL-185P, VHF, FKP, YEL, C1D1         |
| C   | XS-PFSVP-C1D1 | 3,175.00      | PORTABLE, XL-185P, VHF, FKP, PGRN, C1D1        |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## **XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
Full Keypad**



**Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.     | List Price \$ | Description                             |
|---|---------------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |               |               |   |
| <b>Full Keypad Single Band</b>  |               |               |   |
| C   | XS-PFSUM-C1D1 | 3,175.00      | PORTABLE, XL-185P, UHF, FKP, BLK, C1D1  |
| C   | XS-PFSUY-C1D1 | 3,175.00      | PORTABLE, XL-185P, UHF, FKP, YEL, C1D1  |
| C   | XS-PFSUP-C1D1 | 3,175.00      | PORTABLE, XL-185P, UHF, FKP, PGRN, C1D1 |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Full Keypad**



**Yellow**  
**Full Keypad**



**Green**  
**Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C   | Model No. | List Price \$ | Description                              |
|---|-----------|---------------|--|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |  |
| <b>Full Keypad Multi-Band</b>   |           |               |  |
| C   | XS-PFM9M  | 2,750.00      | PORTABLE, XL-185P, 7/8/900, FKP, BLK, US |
| C   | XS-PFM9Y  | 2,750.00      | PORTABLE, XL-185P, 7/8/900, FKP, YEL, US |
| <b>Frequency Band Options for Multi-Band Radios</b>   |           |               |  |
| N   | XS-PL4J   | 0.01          | FEATURE, SINGLE BAND VHF                 |
| N   | XS-PL4K   | 0.01          | FEATURE, SINGLE BAND UHF                 |
| N   | XS-PL4L   | 0.01          | FEATURE, SINGLE BAND, 7/800              |
| N   | XS-PL9D   | 0.01          | FEATURE, SINGLE BAND, 900                |
| NB  | XS-PKGF5  | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900  |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Partial Keypad**



**Yellow**  
**Partial Keypad**



**Green**  
**Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C   | Model No. | List Price \$ | Description                               |
|---|-----------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |   |
| <b>Partial Keypad Multi-Band</b>  |           |               |   |
| C   | XS-PPM9M  | 2,500.00      | PORTABLE, XL-185P, 7/8/900, PKP, BLK, US  |
| C   | XS-PPM9Y  | 2,500.00      | PORTABLE, XL-185P, 7/8/900, PKP, YEL, US  |
| C   | XS-PPM9P  | 2,500.00      | PORTABLE, XL-185P, 7/8/900, PKP, PGRN, US |
| <b>Frequency Band Options for Multi-Band Radios</b>   |           |               |   |
| N   | XS-PL4J   | 0.01          | FEATURE, SINGLE BAND VHF                  |
| N   | XS-PL4K   | 0.01          | FEATURE, SINGLE BAND UHF                  |
| N   | XS-PL4L   | 0.01          | FEATURE, SINGLE BAND, 7/800               |
| N   | XS-PL9D   | 0.01          | FEATURE, SINGLE BAND, 900                 |
| NB  | XS-PKGF5  | 1,250.00      | FEATURE PACKAGE, DUAL BAND, 7/800 + 900   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

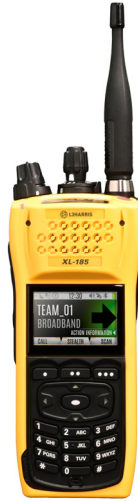


## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Full Keypad**



**Yellow**  
**Full Keypad**



**Green**  
**Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C   | Model No. | List Price \$ | Description                                 |
|---|-----------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |   |
| <b>Full Keypad Single Band</b>  |           |               |   |
| C   | XS-PFS1M  | 2,750.00      | PORTABLE, XL-185P, 7/800 MHZ, FKP, BLK, US  |
| C   | XS-PFS1P  | 2,750.00      | PORTABLE, XL-185P, 7/800, FKP, PGRN, US     |
| C   | XS-PFS2M  | 2,750.00      | PORTABLE, XL-185P, 7/800 MHZ, FKP, BLK, NRB |

Non-rebanded radios support frequencies up to 870 MHz

**For keyloader, see section 9.**

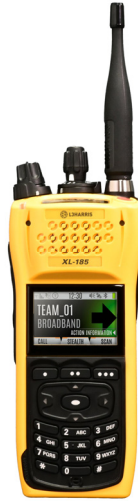
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
Full Keypad**



**Yellow  
Full Keypad**



**Green  
Full Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description                       |
|---|-----------|---------------|-----------------------------------|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |                                   |
| <b>Full Keypad Single Band</b>  |           |               |                                   |
| C   | XS-PFSVM  | 2,750.00      | PORTABLE, XL-185P, VHF, FKP, BLK  |
| C   | XS-PFSVY  | 2,750.00      | PORTABLE, XL-185P, VHF, FKP, YEL  |
| C   | XS-PFSVP  | 2,750.00      | PORTABLE, XL-185P, VHF, FKP, PGRN |
| C   | XS-PFSUM  | 2,750.00      | PORTABLE, XL-185P, UHF, FKP, BLK  |
| C   | XS-PFSUP  | 2,750.00      | PORTABLE, XL-185P, UHF, FKP, PGRN |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black**  
**Partial Keypad**



**Yellow**  
**Partial Keypad**



**Green**  
**Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C   | Model No. | List Price \$ | Description                                 |
|---|-----------|---------------|---|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |   |
| <b>Partial Keypad Single Band</b>   |           |               |   |
| C   | XS-PPS1M  | 2,500.00      | PORTABLE, XL-185P, 7/800 MHZ, PKP, BLK, US  |
| C   | XS-PPS1Y  | 2,500.00      | PORTABLE, XL-185P, 7/800 MHZ, PKP, YEL, US  |
| C   | XS-PPS2M  | 2,500.00      | PORTABLE, XL-185P, 7/800 MHZ, PKP, BLK, NRB |
| Non-rebanded radios support frequencies up to 870 MHz   |           |               |   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900  
 Product Code: XS



**Black  
 Partial Keypad**



**Yellow  
 Partial Keypad**



**Green  
 Partial Keypad**

The XL-185P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-185P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description                      |
|---|-----------|---------------|----------------------------------|
| <b>1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |                                  |
| C   | XS-PPSVM  | 2,500.00      | PORTABLE, XL-185P, VHF, PKP, BLK |
| C   | XS-PPSVY  | 2,500.00      | PORTABLE, XL-185P, VHF, PKP, YEL |
| C   | XS-PPSUM  | 2,500.00      | PORTABLE, XL-185P, UHF, PKP, BLK |
| C   | XS-PPSUY  | 2,500.00      | PORTABLE, XL-185P, UHF, PKP, YEL |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.      | List Price \$ | Description  |
|---|----------------|---------------|--|
| <b>2. Antenna (Select one)</b>  |                |               |  |
| N   | XS-NC5Z        | 125.00        | ANTENNA, FLEX, HELICAL, 136-870 MHZ  |
| N   | XS-NC8E        | 70.00         | ANTENNA, WHIP, DUAL-BAND, UHF/700/800 MHZ  |
| N   | XS-NC8F        | 45.00         | ANTENNA, WHIP, 1/4 WAVE, 762-870 MHZ   |
| N   | XS-NC8D        | 50.00         | ANTENNA, WHIP, 1/2 WAVE, 762-870 MHZ   |
| N   | XS-NC8L        | 55.00         | ANTENNA, WHIP, 1/4 WAVE 762-944 MHZ For use with 700/800/900 MHz radios only   |
| N   | XS-NC8K        | 55.00         | ANTENNA, WHIP, 1/2 WAVE 762-944 MHZ For use with 700/800/900 MHz radios only   |
| <b>3. Immersible Mode (This feature upgrades the radio to Immersible operation)</b> |                |               |  |
| N   | XS-PKGMR       | 265.00        | OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)   |
| <b>4. Operational Mode Packages*</b>  |                |               |  |
| NB  | XS-P25ED       | 2,500.00      | FEATURE PACKAGE, P25 AND EDACS TRUNKING<br>EDACS includes analog trunking, ProVoice™ digital trunking, Status Message, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband and 900 MHz 9600 Narrowband for EDACS only. Does not support EDACS VHF/UHF |
| NB  | XS-PKGPT       | 1,800.00      | FEATURE PACKAGE, P25 TRUNKING Includes Phase 1 Trunking and Status Message   |
| NB  | XS-PKGED       | 1,950.00      | FEATURE PACKAGE, EDACS TRUNKING Includes analog trunking, ProVoice™ digital trunking, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband and 900 MHz 9600 Narrowband for EDACS only. Does not support EDACS VHF/UHF                                  |
| N   | XS-LTE-NA-UG   | 1,725.00      | UPGRADE KIT, XL-185P, LTE, NA MODEM Provides a kitted module for fielded radios manufactured after 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.  |
| N   | XS-LTE-INTL-UG | 1,725.00      | UPGRADE KIT, XL-185P, LTE, INTL MODEM Provides a kitted module for fielded radios manufactured after 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.  |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan and 1024 systems/groups.**

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C   | Model No.       | List Price \$ | Description  |
|---|-----------------|---------------|--|
| <b>4. Operational Mode Packages* (Cont'd)</b> |                 |               |  |
| N   | XS-LTE-NA-LUG   | 1,975.00      | LEGACY UPGRDE KIT, XL-185P, LTE, NA MODEM Provides a kitted module for fielded radios manufactured between 2/2017 and 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade.   |
| N   | XS-LTE-INTL-LUG | 1,950.00      | LEGACY UPGRDE KIT, XL-185P, LTE, INTL MODEM Provides a kitted module for fielded radios manufactured between 2/2017 and 2/2020. If installation at an L3Harris facility is desired, must include L3Harris labor for upgrade. |
| NB  | XS-PKG6D        | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation   |
| N   | XS-PL6A         | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc MCPTT subscription for service and LTE modem operation   |
| N   | XS-PL6J         | 500.00        | FEATURE, MCPTT, GENERIC  |
| N   | BM-PKGCL-XL     | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi® networks. A BeOn Server is required to enable this option.   |

\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.

**5. SIM Cards**

|    |         |       |   |
|----|---------|-------|---|
| VN | XS-SV1V | 12.00 | SIM CARD, VERIZON, BMS Removable Nano SIM that can be purchased separately and added to LTE-capable devices. A non-removable embedded SIM is included and added to LTE-capable radios manufactured after October 25, 2019                                   |
| VN | XS-SV1T | 12.00 | SIM CARD, AT&T COMMERCIAL, BMS Removable Nano SIM that can be added through the product configurator  |
| VN | XS-SV1F | 2.00  | SIM CARD, FIRSTNET BLACK (CARRIER) Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet. |
| VN | XS-SV3K | 12.00 | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN | XS-SV1W | 0.01  | SIM CARD, SOUTHERN LINC (CARRIER)   |

## XL-185P PORTABLES

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C  | Model No. | List Price \$ | Description   |
|--|-----------|---------------|---|
| <b>6. Device Management</b>  |           |               |   |
| L  | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L  | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L  | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L  | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |
| <b>7. HazLoc Options</b>   |           |               |   |
| N  | XS-PA4L   | 275.00        | BATT, LION, 4800, HI-CAP, HAZLOC RADIO C1D2<br>This option upgrades the radio to UL Class 1 Division 2 hazardous locations. It equips the radio with the necessary markings and a UL high-capacity battery.   |
| N  | XS-PA2A   | 250.00        | BATT, LION, 3100, HAZLOC RADIO ULC1D2, LTE This option upgrades the radio to UL Class 1 Division 2 hazardous locations. It equips the radio with the necessary markings and a UL battery.   |
| <b>8. Encryption Options*</b>  |           |               |   |
| N  | XS-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION**  |
| N  | XS-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**  |
| N  | XS-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***   |
| N  | XS-PL4D   | 300.00        | FEATURE, DES-CFB  |
| N  | XS-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION   |
| *Ordering multi-key AES provides full P25 CAP compliance.  |           |               |   |
| **Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.              |           |               |   |
| ***Encryption Lite is standard on digital operational modes and is not available on EDACS. Encryption Lite must be selected in the Product Configurator. |           |               |   |
| <b>Option for AES Encrypted Radios</b>   |           |               |   |
| N  | XS-PL7J   | 1.00          | FEATURE, FIPS 140-2 OPERATION LEVEL 1   |
| <b>9. Software Features</b>  |           |               |   |
| <b>Software Options</b>  |           |               |   |
| N  | XS-PL9X   | 300.00        | FEATURE, ENTERPRISE WI-FI Enables EAP-TLS (Enterprise Wi-Fi) and 802.11r (fast access point roaming) functionality. The radio must have a CCM module installed to utilize this feature.   |
| N  | XS-PL6B   | 200.00        | FEATURE, ADVANCED SAFETY Suite of safety features designed around NFPA Standard features including two-action power off, ESM over-temperature alert, out-of-range indication, RSM failure detection, low-battery capacity visual indicator, Bluetooth paired indicator, and display backlight customization. This feature is currently unavailable for C1D1 models. |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C                                  | Model No. | List Price \$ | Description   |
|--------------------------------------|-----------|---------------|---|
| <b>9. Software Features (Cont'd)</b> |           |               |   |
| <b>Software Options (Cont'd)</b>     |           |               |   |
| N                                    | XS-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N                                    | XS-PL8R   | 140.00        | FEATURE, RF SAFE When option is enabled, the radio is always in RF Safe mode (0.1W) and is locked at 0.1W power   |
| N                                    | XS-PL9V   | 140.00        | FEATURE, USER SAFETY TO ICS   |
| N                                    | XS-FW2X   | 0.01          | OPERATION, LOAD NIFOG PERSONALITY   |
| <b>P25 Software Options</b>          |           |               |   |
| N                                    | XS-PL5L   | 700.00        | FEATURE, P25 OTAR (OVER-THE-AIR-REKEYING)   |
| N                                    | XS-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |
| NB                                   | XS-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink   |
| N                                    | XS-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                                    | XS-PL5K   | 395.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM  |
| N                                    | XS-PL9K   | 350.00        | FEATURE, VIDA ID  |
| N                                    | XS-PL8N   | 330.00        | FEATURE, IN-BAND GPS  |
| N                                    | XS-PL4F   | 275.00        | FEATURE, P25 PHASE 2, TDMA  |
| N                                    | XS-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N                                    | XS-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB                                   | XS-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                                    | XS-PL8M   | 195.00        | FEATURE, EDATA  |
| N                                    | XS-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                                    | XS-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD<br>This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers  |



**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>10. Battery (Select one)</b>   |           |               |  |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |  |
| N   | XS-PA4K   | 195.00        | BATTERY, LI-ION, HI-CAPACITY, 4800 MAH   |
| N   | XS-PA4M   | 230.00        | BATTERY, LI-ION, HI-CAPACITY, 4800 MAH, C1D2 For use as a spare UL C1D2 high-capacity battery with XS-PA4L. Ordering this UL battery for use with a non-HazLoc radio does not produce a HazLoc radio |
| N   | XS-PA3V   | 175.00        | BATTERY, LI-ION, 3100 MAH  |
| N   | XS-PA5C   | 225.00        | BATTERY, LI-ION, 3100 MAH, UL, C1D1  |
| N   | XS-PA3X   | 195.00        | BATTERY, LI-ION, 3100 MAH, UL C1D2 For use as a spare battery with UL radio option XS-PA2A. Ordering this UL battery for use with a non-HazLoc radio does not produce a HazLoc radio.                |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C                       | Model No. | List Price \$ | Description  |
|---------------------------|-----------|---------------|--|
| <b>11. Chargers</b>       |           |               |  |
| <b>Rapid Chargers</b>     |           |               |  |
| N                         | XS-CH6F   | 250.00        | CHARGER, SINGLE-BAY +  |
| N                         | XS-CH6A   | 295.00        | CHARGER, 1-BAY   |
| N                         | XS-CH4Z   | 17.00         | KIT, RSM HANGER, 1-BAY, DESK CHARGER   |
| N                         | XS-CH4Y   | 12.00         | KIT, GANG PLATE, 1-BAY, DESK CHARGER   |
| N                         | XS-CH5B   | 275.00        | WALL MOUNT KIT, CHARGER, 6-BAY, XL-185P  |
| N                         | XS-CH6G   | 945.00        | CHARGER, 6-BAY, PREMIUM, XL-185P This option replaces XS-CH5A. Option also accommodates the XL-400P                                  |
| S                         | AT6085A   | 950.00        | CHARGER, 12 BAY, LITHIUM, XL Charges batteries only. Does not charge radios with batteries attached                                  |
| <b>Vehicular Chargers</b> |           |               |  |
| N                         | XS-CH6H   | 265.00        | CHARGER, VEHICULAR, PREMIUM, XL-185P This option replaces XS-CH4W. Option also accommodates the XL-400P                              |
| N                         | XS-PS9X   | 40.00         | POWER ADAPTER KIT, VC4000 CHARGER  |
| N                         | XS-CH5T   | 1,599.00      | ENH VEH CHGR, XL GLOBAL LTE, STANDARD For use with all XL-185P Global LTE portables using standard capacity (3100 mAh) batteries.    |
| N                         | XS-CH5U   | 1,599.00      | ENH VEH CHGR, XL GLOBAL LTE, HIGH CAP For use with all XL-185P Global LTE portables using high capacity (4800 mAh) batteries.        |
| N                         | XS-CH5M   | 1,599.00      | ENH VEH CHGR, XL, STANDARD For use with standard or Verizon LTE-equipped XL portables using standard capacity (3100 mAh) batteries.  |
| N                         | XS-CH5N   | 1,599.00      | ENH VEH CHGR, XL, HIGH CAPACITY For use with standard or Verizon LTE-equipped XL portables using high capacity (4800 mAh) batteries. |
| N                         | XS-CH5R   | 1,599.00      | ENH VEH CHGR, XL, HAZLOC For use with UL C1D1 rated XL portables using the L3Harris UL C1D1 rated HazLoc battery.                    |
| N                         | XS-AE2X   | 250.00        | MICROPHONE, BOOM, EVC, XL-185  |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS

| E/C                          | Model No. | List Price \$ | Description   |
|------------------------------|-----------|---------------|---|
| <b>12. Audio Accessories</b> |           |               |   |
| N                            | XS-CJ4B   | 225.00        | ADAPTER, 6-PIN HIROSE, XL-185P, EXT CABLE   |
| N                            | XS-AE1S   | 189.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT   |
| <b>Speaker Microphones</b>   |           |               |   |
| N                            | XS-AE2W   | 425.00        | SPEAKER MIC, 500F, XL-185P For use with all XL-185P portables, including UL C1D2 and UL C1D1 Hazardous Location rated   |
| N                            | XS-AE2J   | 335.00        | MICROPHONE, ANTENNA SPEAKER, EMRG, 25.6 IN  |
| N                            | XS-AE1V   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED  |
| N                            | XS-AE4B   | 255.00        | SPEAKER MICROPHONE, EMER BUTTON   |
| N                            | XS-AE9N   | 199.00        | SPEAKER MICROPHONE  |
| N                            | XS-AE2V   | 275.00        | SPEAKER MIC, REVO NC2, C1D2 Features passive noise cancellation, IP-68 immersion, 360-degree clothing clip, 2.5mm earphone jack, PTT/emergency buttons, and Hi/Lo volume slider switch. UL C1D2 HazLoc rating for use with UL C1D2 rated XL portables |
| N                            | XS-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the cable with 2.5 mm plug, transducer, acoustic tube, and earpiece  |
| N                            | XS-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker Mics that have an earphone jack   |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C   | Model No. | List Price \$ | Description                                  |
|---|-----------|---------------|--|
| <b>12. Audio Accessories (Cont'd)</b>   |           |               |  |
| <b>Surveillance Accessories</b>   |           |               |  |
| N   | XS-AE1L   | 875.00        | SKULL MIC, W/BODY PTT & EARCUP, XL-185P      |
| N   | XS-AE1M   | 695.00        | THROAT MIC, W/ACOUSTIC TUBE & BODY PTT       |
| N   | XS-AE1N   | 625.00        | THROAT MIC, W/ACOUSTIC TUBE, BODY & RING PTT |
| <b>Subminiature Remote Control Options</b>  |           |               |  |
| The following subminiature options are not approved for use in hazardous atmospheres. |           |               |  |
| N   | XS-AE6H   | 235.00        | MICROPHONE, MINI-LAPEL, 3-WIRE, BLACK        |
| N   | XS-AE6G   | 235.00        | MICROPHONE, PALM, 2-WIRE, BLACK              |
| N   | XS-AE6M   | 235.00        | MICROPHONE, PALM, 2-WIRE, BEIGE              |
| <b>Headsets</b>   |           |               |  |
| N   | XS-AE2A   | 689.00        | HEADSET, IN-EAR, BOOM MIC, IN-LINE PTT       |
| N   | XS-AE2C   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, IN-LINE PTT    |
| N   | XS-AE2D   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, PIGTAIL PTT    |
| N   | XS-AE2E   | 689.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, IN-LINE PTT |
| N   | XS-AE2F   | 799.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, PIGTAIL PTT |
| N   | XS-AE1H   | 725.00        | HEADSET, TACTICAL, BOOM MIC, EARPIECE, W/PTT |
| N   | XS-AE1P   | 625.00        | HEADSET, HEAVY DUTY, BTH, W/PTT, XL-185P     |
| N   | XS-AE1R   | 625.00        | HEADSET, HEAVY DUTY, OTH, W/PTT, XL-185P     |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900

Product Code: XS

| E/C                             | Model No. | List Price \$ | Description  |
|---------------------------------|-----------|---------------|--|
| <b>13. Carrying Accessories</b> |           |               |  |
| N                               | XS-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM  |
| N                               | XS-HC3J   | 55.00         | STRAP, LEATHER   |
| N                               | XS-HC3L   | 30.00         | BELT CLIP, METAL   |
| N                               | XS-HC3K   | 20.00         | STRAP, NYLON   |
| <b>Standard Cases</b>           |           |               |  |
| N                               | XS-HC4Y   | 120.00        | CASE, LEATHER, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces |
| N                               | XS-HC4W   | 120.00        | CASE, LEATHER, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery  |
| N                               | XS-HC4V   | 100.00        | CASE, LEATHER, W/BELT LOOP, BLK HDW Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces         |
| N                               | XS-HC6Y   | 65.00         | CASE, LEATHER, 2.5 IN BELT LOOP, DSWIVEL, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)   |
| N                               | XS-HC6Z   | 55.00         | CASE, LEATHER, 3 IN BELT LOOP, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)  |
| N                               | XS-HC4Z   | 60.00         | CASE, LEATHER, 2.5" BELT LOOP, D-SWIVEL For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |
| N                               | XS-HC6A   | 50.00         | CASE, LEATHER, 3" BELT LOOP For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |
| N                               | XS-HC4X   | 80.00         | CASE, NYLON, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces   |
| N                               | XS-HC4U   | 80.00         | CASE, NYLON, BLACK, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery   |
| N                               | XS-HC4T   | 75.00         | CASE, NYLON, BLACK, MOLLE STRAP Can be used with all XL portable radio and battery combinations. Case contains no reflective surfaces  |
| N                               | XS-HC7W   | 75.00         | CASE, NYLON, TAN, MOLLE STRAP Can be used with all XL portable radio and battery combinations  |

**XL-185P PORTABLES**

Band: VHF, UHF, 700/800/900  
 Product Code: XS

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>13. Carrying Accessories (Cont'd)</b>        |               |               |  |
| <b>Premium Cases</b>                            |               |               |  |
| N   | XS-HC4R       | 200.00        | CASE, LEATHER, PREMIUM, SHOULDER STRAP, LTE Only for use with XL portables that have the LTE option installed and using standard or UL C1D2 batteries (XS-PA3V and XS-PA3X)                  |
| N   | XS-HC7T       | 195.00        | KIT, CASE, LTHR, NO D-POST, W/RINGS, SSTRAP, PREM Only for use with XL portables that do not have the LTE option installed and using the standard or UL CID2 batteries (XS-PA3V and XS-PA3X) |
| N   | XS-HC4P       | 175.00        | CASE, LEATHER, PREM, BELT LOOP, D-SWIVEL, LTE Only for use with XL portables that have the LTE option installed and using standard or UL C1D2 batteries (XS-PA3V and XS-PA3X)                |
| N   | XS-HC4L       | 170.00        | KIT, CASE, LTHR, W/DPOST, W/RNGS, PREM Only for use with XL portables that do not have the LTE option installed and using standard or UL C1D2 batteries (XS-PA3V and XS-PA3X)                |
| N   | XS-HC7S       | 155.00        | CASE, LTHR, NO D-POST, W/RINGS, PREMIUM Only for use with XL portables that do not have the LTE option installed and using the standard or UL CID2 batteries (XS-PA3V and XS-PA3X)           |
| N   | XS-HC4K       | 145.00        | KIT, CASE, LEATHER, W/DPOST, PREM Only for use with XL portables that do not have the LTE option installed and using standard or UL C1D2 batteries (XS-PA3V and XS-PA3X)                     |
| VN  | XS-HC7Z       | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE  |
| VN  | XS-HC8E       | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE, BRN   |
| VN  | XS-HC8D       | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE   |
| VN  | XS-HC8F       | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE, BRN  |
| <b>14. Miscellaneous</b>                        |               |               |  |
| <b>Cables</b>                                   |               |               |  |
| N   | XS-CJ4A       | 250.00        | CABLE, DATA INTERFACE, XL-185P   |
| N   | XS-CJ3A       | 250.00        | CABLE, USB, PROGRAMMING  |
| N   | XS-CJ3B       | 215.00        | CABLE, KVL, KEY LOADING  |
| S   | 14035-6100-A1 | 190.00        | KFD CABLE, TIA ADAPTER Enables loading of encryption keys from the Tait KFD to an XL portable  |
| <b>Warranty*</b>                                |               |               |  |
| N   | XS-Y1EWP      | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL185P   |
| N   | XS-Y2EWP      | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL185P   |
| N   | XS-Y3EWP      | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL185P   |
| <b>*Includes one year of Device Management.</b> |               |               |  |
| <b>Manuals</b>                                  |               |               |  |
| V   | MM200XL       | 65.00         | MANUAL, MAINT, XL SERIES   |
| V   | MM100BN       | 35.00         | MANUAL, USER, BEON CLIENT  |

## XL-150P PORTABLES

Band: VHF, UHF, 700/800, 900  
 Product Code: XV



**XL-150P**

The XL-150P portables are multi-application radios that can operate on the following systems:

- P25 Trunking Phase 1
- P25 Conventional
- Conventional
- P25 Trunking Phase 2

All XL-150P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Package (All packages below include 3100 mAh Li-Ion battery, antenna, single bay+ charger, belt clip, Encryption Lite, single-key AES, single-key DES, Bluetooth®, GPS, Wi-Fi®, P25 Phase 1 and Phase 2 Trunking, P25 Conventional, and the Analog Conventional Operational Mode Package)**

**Full Keypad Single Band**

|   |              |          |   |
|---|--------------|----------|---|
| C | XV-PFS9M-NA* | 4,800.00 | PORTABLE, XL-150P, 900, FKP, BLK, US, NA Modem capability is only available as a factory install. No field upgrade available. |
| C | XV-PFS1M-NA* | 4,800.00 | PORTABLE, XL-150P, 7/8, FKP, BLK, US, NA Modem capability is only available as a factory install. No field upgrade available. |
| C | XV-PFSVM-NA* | 4,800.00 | PORTABLE, XL-150P, VHF, FKP, BLK, NA LTE Modem capability is only available as a factory install. No field upgrade available. |
| C | XV-PFSUM-NA* | 4,800.00 | PORTABLE, XL-150P, UHF, FKP, BLK, NA Modem capability is only available as a factory install. No field upgrade available.     |

**\*WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XV-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XV-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XL-150P PORTABLES

Band: VHF, UHF, 700/800, 900

Product Code: XV



**XL-150P**

The XL-150P portables are multi-application radios that can operate on the following systems:

- P25 Trunking Phase 1
- P25 Conventional
- Conventional
- P25 Trunking Phase 2\*

All XL-150P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Package (All packages below include 3100 mAh Li-Ion battery, antenna, single bay+ charger, belt clip, Encryption Lite, single-key AES\*, single-key DES, Bluetooth®, GPS, Wi-Fi®, P25 Phase 1 and Phase 2 Trunking\*, P25 Conventional, and the Analog Conventional Operational Mode Package)**

**Full Keypad Single Band**

|   |                 |          |  |
|---|-----------------|----------|--|
| C | XV-PFS2M-NA**   | 4,800.00 | PORTABLE, XL-150P 7/8, FKP, BLK, NRB, NA     |
| C | XV-PFS2M-INTL** | 4,800.00 | PORTABLE, XL-150PI, 7/8, FKP, BLK, NRB, INTL |

\*Not included in the model XV-PFS2M-INTL package but can be configured as an add-on software feature.

\*\*Non-rebanded radios support frequencies up to 870 MHz. Modem capability is only available as a factory install. No field upgrade available.

\*\*\***WARNING:** Effective Feb 15, 2022, in order to provide LTE operation, all -NA or -INTL model radios MUST also have the XV-PL8T, LTE Operation feature bit, selected.

|   |         |          |              |
|---|---------|----------|--------------|
| N | XV-PL8T | 1,350.00 | FEATURE, LTE |
|---|---------|----------|--------------|

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## XL-150P PORTABLES

Band: VHF, UHF, 700/800, 900  
 Product Code: XV



**XL-150P**

The XL-150P portables are multi-application radios that can operate on the following systems:

- P25 Trunking Phase 1
- P25 Conventional
- Conventional
- P25 Trunking Phase 2

**All XL-150P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description                                |
|---|-----------|---------------|--|
| <b>1. Package (All packages below include 3100 mAh Li-Ion battery, antenna, single bay+ charger, belt clip, Encryption Lite, single-key AES, single-key DES, Bluetooth®, GPS, Wi-Fi®, P25 Phase 1 and Phase 2 Trunking, P25 Conventional, and the Analog Conventional Operational Mode Package)</b> |           |               |  |
| <b>Full Keypad Single Band</b>  |           |               |  |
| C   | XV-PFS9M  | 4,800.00      | PORTABLE, XL-150P, 900, FKP, BLK, US       |
| C   | XV-PFS1M  | 4,800.00      | PORTABLE, XL-150P, 7/800 MHZ, FKP, BLK, US |
| C   | XV-PFSVM  | 4,800.00      | PORTABLE, XL-150P, VHF, FKP, BLK           |
| C   | XV-PFSUM  | 4,800.00      | PORTABLE, XL-150P, UHF, FKP, BLK           |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C                                  | Model No.    | List Price \$ | Description   |
|--------------------------------------|--------------|---------------|---|
| <b>2. Antenna</b>                    |              |               |   |
| N                                    | XV-NC5Z      | 125.00        | ANTENNA, FLEX, HELICAL, 136-870 MHZ   |
| N                                    | XV-NC8E      | 70.00         | ANTENNA, WHIP, DUAL-BAND, UHF/700/800 MHZ   |
| N                                    | XV-NC8F      | 45.00         | ANTENNA, WHIP, 1/4 WAVE, 762-870 MHZ  |
| N                                    | XV-NC8D      | 50.00         | ANTENNA, WHIP, 1/2 WAVE, 762-870 MHZ  |
| N                                    | XV-NC8K      | 55.00         | ANTENNA, WHIP, 1/2 WAVE, 762-944 MHZ For use only on 900 MHz portables  |
| N                                    | XV-NC8L      | 55.00         | ANTENNA, WHIP, 1/4 WAVE, 762-944 MHZ For use only on 900 MHz portables  |
| <b>3. Operational Mode Packages*</b> |              |               |   |
| N                                    | XV-LTE-NA-UG | 1,725.00      | UPGRADE KIT, XL-150P, LTE, NA MODEM Provides a kitted module for field installation.  |
| NB                                   | XF-PKG6D     | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation                                    |
| N                                    | XV-PL6A      | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc MCPTT subscription for service and LTE modem operation                                  |
| N                                    | XV-PL6J      | 500.00        | FEATURE, MCPTT, GENERIC   |
| N                                    | BM-PKGCL-XL  | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi networks. A BeOn Server is required to enable this option. |

\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C                         | Model No. | List Price \$ | Description   |
|-----------------------------|-----------|---------------|---|
| <b>4. SIM Cards</b>         |           |               |   |
| VN                          | XV-SV1V   | 12.00         | SIM CARD, VERIZON, BMS Removable Nano SIM that can be added through the product configurator  |
| VN                          | XV-SV1T   | 12.00         | SIM CARD, AT&T COMMERCIAL, BMS Removable Nano SIM that can be added through the product configurator  |
| VN                          | XV-SV1F   | 2.00          | SIM CARD, FIRSTNET BLACK (CARRIER) Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet.   |
| VN                          | XV-SV3K   | 12.00         | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN                          | XV-SV1W   | 0.01          | SIM CARD, SOUTHERN LINC (CARRIER)   |
| <b>5. Device Management</b> |           |               |   |
| L                           | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L                           | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L                           | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L                           | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |
| <b>6. Software Features</b> |           |               |   |
| <b>Software Options</b>     |           |               |   |
| N                           | XV-PL6B   | 200.00        | FEATURE, ADVANCED SAFETY Suite of safety features designed around NFPA Standard features including two-action power off, ESM over-temperature alert, out-of-range indication, RSM failure detection, low-battery capacity visual indicator, Bluetooth paired indicator, and display backlight customization |
| N                           | XV-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N                           | XV-PL9V   | 140.00        | FEATURE, USER SAFETY TO ICS   |
| N                           | XV-FW2X   | 0.01          | OPERATION, LOAD NIFOG PERSONALITY   |
| <b>P25 Software Options</b> |           |               |   |
| N                           | XV-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |
| N                           | XV-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                           | XV-PL9K   | 350.00        | FEATURE, VIDA ID  |
| NB                          | XV-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink   |
| N                           | XV-PL5K   | 395.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM  |
| N                           | XV-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C                                  | Model No. | List Price \$ | Description   |
|--------------------------------------|-----------|---------------|---|
| <b>6. Software Features (Cont'd)</b> |           |               |   |
| NB                                   | XV-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                                    | XV-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                                    | XV-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD<br>This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers  |

**7. Battery**

For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty.

|   |         |        |  |
|---|---------|--------|--|
| N | XV-PA4K | 195.00 | BATTERY, LI-ION, HI-CAPACITY, 4800 MAH |
| N | XV-PA3V | 175.00 | BATTERY, LI-ION, 3100 MAH              |

**8. Chargers****Rapid Chargers**

|   |         |        |   |
|---|---------|--------|---|
| N | XV-CH6F | 250.00 | CHARGER, SINGLE-BAY +   |
| N | XV-CH6A | 325.00 | CHARGER, 1-BAY  |
| N | XV-CH4Z | 17.00  | KIT, RSM HANGER, 1-BAY, DESK CHARGER  |
| N | XV-CH4Y | 12.00  | KIT, GANG PLATE, 1-BAY, DESK CHARGER  |
| N | XV-CH5B | 275.00 | WALL MOUNT KIT, CHARGER, 6-BAY, XL-150P   |
| N | XV-CH6G | 945.00 | CHARGER, 6-BAY, PREMIUM, XL-150P This option replaces XV-CH5A. Option also accommodates the XL-400P |
| S | AT6085A | 950.00 | CHARGER, 12 BAY, LITHIUM, XL Charges batteries only. Does not charge radios with batteries attached |

**Vehicular Chargers**

|   |         |          |   |
|---|---------|----------|---|
| N | XV-CH6H | 265.00   | CHARGER, VEHICULAR, PREMIUM, XL-150P This option replaces XV-CH4W. Option also accommodates the XL-400P                           |
| N | XV-PS9X | 40.00    | POWER ADAPTER KIT, VC4000 CHARGER   |
| N | XV-CH5T | 1,599.00 | ENH VEH CHGR, XL GLOBAL LTE, STANDARD For use with all XL-150P Global LTE portables using standard capacity (3100 mAh) batteries. |
| N | XV-CH5U | 1,599.00 | ENH VEH CHGR, XL GLOBAL LTE, HIGH CAP For use with all XL-150P Global LTE portables using high capacity (4800 mAh) batteries.     |

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>8. Chargers (Cont'd)</b>   |           |               |   |
| <b>Vehicular Chargers (Cont'd)</b>  |           |               |   |
| N   | XV-CH5M   | 1,599.00      | ENH VEH CHGR, XL, STANDARD For use with standard or Verizon LTE-equipped XL portables using standard capacity (3100 mAh) batteries.   |
| N   | XV-CH5N   | 1,599.00      | ENH VEH CHGR, XL, HIGH CAPACITY For use with standard or Verizon LTE-equipped XL portables using high capacity (4800 mAh) batteries.  |
| N   | XV-CH5R   | 1,599.00      | ENH VEH CHGR, XL, HAZLOC For use with UL C1D1 rated XL portables using the L3Harris UL C1D1 rated HazLoc battery.   |
| N   | XV-AE2X   | 250.00        | MICROPHONE, BOOM, EVC, XL-150   |
| <b>9. Audio Accessories</b>   |           |               |   |
| N   | XV-CJ4B   | 225.00        | ADAPTER, 6-PIN HIROSE, XL-150P, EXT CABLE   |
| N   | XV-AE1S   | 189.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT   |
| <b>Speaker Microphones</b>  |           |               |   |
| N   | XV-AE2W   | 425.00        | SPEAKER MIC, 500F, XL-150P  |
| N   | XV-AE2J   | 335.00        | MICROPHONE, ANTENNA SPEAKER, EMRG, 25.6 IN  |
| N   | XV-AE1V   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED  |
| N   | XV-AE4B   | 255.00        | SPEAKER MICROPHONE, EMER BUTTON   |
| N   | XV-AE9N   | 199.00        | SPEAKER MICROPHONE  |
| N   | XV-AE2V   | 275.00        | SPEAKER MIC, REVO NC2, C1D2 Features passive noise cancellation, IP-68 immersion, 360-degree clothing clip, 2.5mm earphone jack, PTT/emergency buttons, and Hi/Lo volume slider switch. |
| N   | XV-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the cable with 2.5 mm plug, transducer, acoustic tube, and earpiece  |
| N   | XV-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker Mics that have an earphone jack   |
| <b>Surveillance Accessories</b>   |           |               |   |
| N   | XV-AE1L   | 875.00        | SKULL MIC, W/BODY PTT & EARCUP, XL-150P   |
| N   | XV-AE1M   | 695.00        | THROAT MIC, W/ACOUSTIC TUBE & BODY PTT  |
| N   | XV-AE1N   | 625.00        | THROAT MIC, W/ACOUSTIC TUBE, BODY & RING PTT  |
| <b>Subminiature Remote Control Options</b>  |           |               |   |
| The following subminiature options are not approved for use in hazardous atmospheres. |           |               |   |
| N   | XV-AE6H   | 235.00        | MICROPHONE, MINI-LAPEL, 3-WIRE, BLACK   |
| N   | XV-AE6G   | 235.00        | MICROPHONE, PALM, 2-WIRE, BLACK   |
| N   | XV-AE6M   | 235.00        | MICROPHONE, PALM, 2-WIRE, BEIGE   |

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C                                  | Model No. | List Price \$ | Description  |
|--------------------------------------|-----------|---------------|--|
| <b>9. Audio Accessories (Cont'd)</b> |           |               |  |
| <b>Headsets</b>                      |           |               |  |
| N                                    | XV-AE2A   | 689.00        | HEADSET, IN-EAR, BOOM MIC, IN-LINE PTT   |
| N                                    | XV-AE2C   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, IN-LINE PTT  |
| N                                    | XV-AE2D   | 689.00        | HEADSET, LTWT, BTH, DUAL EAR, PIGTAIL PTT  |
| N                                    | XV-AE2E   | 689.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, IN-LINE PTT   |
| N                                    | XV-AE2F   | 799.00        | HEADSET, LTWT, BTH, DUAL IN-EAR, PIGTAIL PTT   |
| N                                    | XV-AE1H   | 725.00        | HEADSET, TACTICAL, BOOM MIC, EARPIECE, W/PTT   |
| N                                    | XV-AE1P   | 625.00        | HEADSET, HEAVY DUTY, BTH, W/PTT, XL-150P   |
| N                                    | XV-AE1R   | 625.00        | HEADSET, HEAVY DUTY, OTH, W/PTT, XL-150P   |
| <b>10. Carrying Accessories</b>      |           |               |  |
| N                                    | XV-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM  |
| N                                    | XV-HC3J   | 55.00         | STRAP, LEATHER   |
| N                                    | XV-HC3L   | 30.00         | BELT CLIP, METAL   |
| N                                    | XV-HC3K   | 20.00         | STRAP, NYLON   |
| <b>Standard Cases</b>                |           |               |  |
| N                                    | XV-HC4Y   | 120.00        | CASE, LEATHER, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces |
| N                                    | XV-HC4W   | 120.00        | CASE, LEATHER, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery  |
| N                                    | XV-HC4V   | 100.00        | CASE, LEATHER, W/ BELT LOOP, BLK HDW Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces        |
| N                                    | XV-HC6Y   | 65.00         | CASE, LEATHER, 2.5 IN BELT LOOP, DSWIVEL, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)   |
| N                                    | XV-HC6Z   | 55.00         | CASE, LEATHER, 3 IN BELT LOOP, HCB For use with any XL portable radio when paired with its corresponding high capacity battery (4800 mAh)  |
| N                                    | XV-HC4Z   | 60.00         | CASE, LEATHER, 2.5 IN BELT LOOP, D-SWIVEL For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |
| N                                    | XV-HC6A   | 50.00         | CASE, LEATHER, 3 IN BELT LOOP For use with any XL portable radio when paired with its corresponding standard capacity battery (3100 mAh)   |

## XL-150P PORTABLES

Band: VHF, UHF, 700/800, 900

Product Code: XV

| E/C                                      | Model No. | List Price \$ | Description  |
|--|-----------|---------------|--|
| <b>10. Carrying Accessories (Cont'd)</b> |           |               |  |
| <b>Standard Cases (Cont'd)</b>           |           |               |  |
| N  | XV-HC4X   | 80.00         | CASE, NYLON, BLK HDW, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery. Case contains no reflective surfaces |
| N  | XV-HC4U   | 80.00         | CASE, NYLON, BLACK, BELT LOOP, D-SWIVEL Can be used with all XL portable radio and battery combinations that do not include the XL high capacity battery   |
| N  | XV-HC4T   | 75.00         | CASE, NYLON, BLACK, MOLLE STRAP Can be used with all XL portable radio and battery combinations. Case contains no reflective surfaces  |
| N  | XV-HC7W   | 75.00         | CASE, NYLON, TAN, MOLLE STRAP Can be used with all XL portable radio and battery combinations  |
| <b>Premium Cases</b>                     |           |               |  |
| N  | XV-HC4R   | 200.00        | CASE, LEATHER, PREMIUM, SHOULDER STRAP, LTE Only for use with XL portables that have the LTE option installed and using standard batteries (XV-PA3V)   |
| N  | XV-HC7T   | 195.00        | KIT, CASE, LTHR, NO D-POST, W/RINGS, SSTRAP, PREM Only for use with XL portables that do not have the LTE option installed and using standard batteries (XV-PA3V)                                |
| N  | XV-HC4P   | 175.00        | CASE, LEATHER, PREM, BELT LOOP, D-SWIVEL, LTE Only for use with XL portables that have the LTE option installed and using standard batteries (XV-PA3V)   |
| N  | XV-HC4L   | 170.00        | KIT, CASE, LTHR, W/DPOST, W/RNGS, PREM Only for use with XL portables that do not have the LTE option installed and using standard (XV-PA3V) or UL C1D2 batteries                                |
| N  | XV-HC7S   | 155.00        | CASE, LTHR, NO D-POST, W/RINGS, PREMIUM Only for use with XL portables that do not have the LTE option installed and using standard batteries (XV-PA3V)  |
| N  | XV-HC4K   | 145.00        | KIT, CASE, LEATHER, W/DPOST, PREM Only for use with XL portables that do not have the LTE option installed and using standard (XV-PA3V) or UL C1D2 batteries                                     |
| VN                                       | XV-HC7Z   | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE  |
| VN                                       | XV-HC8E   | 105.00        | CASE, KYDEX, BELT CLIP, 2" WIDE, BRN   |
| VN                                       | XV-HC8D   | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE   |
| VN                                       | XV-HC8F   | 105.00        | CASE, KYDEX, MALICE CLIPS, 3" WIDE, BRN  |

**XL-150P PORTABLES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XV

| E/C   | Model No.     | List Price \$ | Description   |
|---|---------------|---------------|---|
| <b>11. Miscellaneous</b>                        |               |               |   |
| <b>Connectors</b>                               |               |               |   |
| N   | XV-ZN7V       | 12.00         | COVER, SIDE CONNECTOR, XL-150P  |
| <b>Cables</b>                                   |               |               |   |
| N   | XV-CJ4A       | 250.00        | CABLE, DATA INTERFACE, XL-150P  |
| N   | XV-CJ3A       | 250.00        | CABLE, USB, PROGRAMMING   |
| N   | XV-CJ3B       | 215.00        | CABLE, KVL, KEY LOADING   |
| S   | 14035-6100-A1 | 190.00        | KFD CABLE, TIA ADAPTER Enables loading of encryption keys from the Tait KFD to an XL portable |
| <b>Warranty*</b>                                |               |               |   |
| N   | XV-Y1EWP      | 115.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL150P  |
| N   | XV-Y2EWP      | 165.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL150P  |
| N   | XV-Y3EWP      | 220.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL150P  |
| <b>*Includes one year of Device Management.</b> |               |               |   |
| <b>Manuals</b>                                  |               |               |   |
| V   | MM200XL       | 65.00         | MANUAL, MAINT, XL SERIES  |
| V   | MM100BN       | 35.00         | MANUAL, USER, BEON CLIENT   |



## **XL-95P PORTABLES**

Band: VHF/UHF, 700/800  
 Product Code: XN



**Midnight Black  
 Full Keypad**

The XL-95P portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All XL-95P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No. | List Price \$ | Description                               |
|--|-----------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |   |
| <b>Full Keypad</b>   |           |               |   |
| C  | XN-PF78M  | 2,400.00      | PORTABLE, XL-95P, 7/800 MHZ, BLK          |
| C  | XN-PFVUM  | 2,500.00      | PORTABLE, XL-95P, 136-522 MHZ, BLK        |
| <b>2. Antenna (Select one)</b>   |           |               |   |
| N  | XN-NC8D   | 50.00         | ANTENNA, WHIP, 1/2 WAVE 762-870 MHZ       |
| N  | XN-NC8F   | 45.00         | ANTENNA, WHIP, 1/4 WAVE, 762-870 MHZ      |
| N  | XN-NC5Z   | 125.00        | ANTENNA, FLEX, HELICAL, 136-870 MHZ       |
| N  | XN-NC8E   | 70.00         | ANTENNA, WHIP, DUAL-BAND, UHF/700/800 MHZ |
| N  | XN-NC1L   | 28.00         | ANTENNA, 378-430 MHZ, WHIP                |
| N  | XN-NC5B   | 34.00         | ANTENNA, 378-403 MHZ, HELICAL             |
| N  | XN-NC1U   | 28.00         | ANTENNA, 403-430 MHZ, HELICAL             |
| N  | XN-NC1N   | 28.00         | ANTENNA, 440-512 MHZ, WHIP                |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**Latest Products and Pricing on the Web**  
<https://premier.pspc.harris.com/infocenter/>

**XL-95P PORTABLES**

Band: VHF/UHF, 700/800

Product Code: XN

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.   | List Price \$ | Description   |
|---|-------------|---------------|---|
| <b>2. Antenna (Select one) (Cont'd)</b>   |             |               |   |
| N   | XN-NC1F     | 28.00         | ANTENNA, 440-494 MHZ, HELICAL   |
| N   | XN-NC5Y     | 28.00         | ANTENNA, 470-512 MHZ, HELICAL   |
| N   | XN-NC5W     | 28.00         | ANTENNA, 150-174 MHZ, HELICAL, WIDEBAND   |
| N   | XN-NC1C     | 28.00         | ANTENNA, 150-162 MHZ, HELICAL   |
| N   | XN-NC1B     | 28.00         | ANTENNA, 136-151 MHZ, HELICAL   |
| <b>3. Immersible Mode (This feature upgrades the radio to Immersible operation)</b>   |             |               |   |
| N   | XN-PKGMR    | 265.00        | OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)  |
| <b>4. Operational Mode Packages*</b>  |             |               |   |
| NB  | XN-P25ED    | 2,500.00      | FEATURE PACKAGE, P25 AND EDACS TRUNKING<br>EDACS includes analog trunking, ProVoice™ digital trunking, Status Message, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband for EDACS only. Does not support any form of EDACS on VHF/UHF |
| NB  | XN-PKGPT    | 1,200.00      | FEATURE PACKAGE, P25 TRUNKING Includes Status Message, Direct Frequency Entry, and ESK/P25 Personality Lock   |
| N   | BM-PKGCL-XL | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi networks. A BeOn Server is required to enable this option.   |
| <b>*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.</b> |             |               |   |
| <b>5. Device Management</b>   |             |               |   |
| L   | RE-XL002    | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L   | RE-XL003    | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L   | RE-XL004    | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L   | RE-XL005    | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |
| <b>6. HazLoc Options</b>  |             |               |   |
| N   | XN-PA4T     | 245.00        | BATTERY, LI-ION, 3100 MAH, CID2, UL<br>This option upgrades the radio to UL Class I Division 2 hazardous locations. It equips the radio with the necessary markings and a UL battery*   |

**\*XL-95P UL CID2 Approval Pending for VHF/UHF model (Date to be announced)**

## XL-95P PORTABLES

Band: VHF/UHF, 700/800  
 Product Code: XN

| E/C                           | Model No. | List Price \$ | Description                          |
|-------------------------------|-----------|---------------|--------------------------------------|
| <b>7. Encryption Options*</b> |           |               |                                      |
| N                             | XN-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION** |
| N                             | XN-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION** |
| N                             | XN-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***          |
| N                             | XN-PL4D   | 300.00        | FEATURE, DES-CFB                     |
| N                             | XN-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION  |

### Option for AES Encrypted Radios

|   |         |      |                                       |
|---|---------|------|---------------------------------------|
| N | XN-PL7J | 1.00 | FEATURE, FIPS 140-2 OPERATION LEVEL 1 |
|---|---------|------|---------------------------------------|

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available on EDACS. Encryption Lite must be selected in the Product Configurator.

## 8. Software Features

### Software Options

|   |         |        |  |
|---|---------|--------|--|
| N | XN-PL9L | 695.00 | FEATURE, HIGH VELOCITY DATA TDMA         |
| N | XN-PL5K | 395.00 | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM |
| N | XN-PL9N | 375.00 | FEATURE, TDMA CC                         |
| N | XN-PL9K | 350.00 | FEATURE, VIDA ID                         |
| N | XN-PL8N | 330.00 | FEATURE, IN-BAND GPS                     |
| N | XN-PL4E | 275.00 | FEATURE, CONVENTIONAL VOTE SCAN          |
| N | XN-PL9V | 140.00 | FEATURE, USER SAFETY TO ICS              |
| N | XN-FW2X | 0.01   | OPERATION, LOAD NIFOG PERSONALITY        |

### P25 Software Options

|    |          |        |   |
|----|----------|--------|---|
| N  | XN-PL5L  | 700.00 | FEATURE, P25 OTAR (OVER-THE-AIR-REKEYING)   |
| NB | XN-PKGPD | 395.00 | FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink  |
| N  | XN-PL4F  | 275.00 | FEATURE, P25 PHASE 2, TDMA  |
| N  | XN-PL9F  | 300.00 | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems |

**XL-95P PORTABLES**

Band: VHF/UHF, 700/800  
 Product Code: XN

| E/C                                  | Model No. | List Price \$ | Description   |
|--------------------------------------|-----------|---------------|---|
| <b>8. Software Features (Cont'd)</b> |           |               |   |
| <b>P25 Software Options (Cont'd)</b> |           |               |   |
| N                                    | XN-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB                                   | XN-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                                    | XN-PL8M   | 195.00        | FEATURE, EDATA  |
| N                                    | XN-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                                    | XN-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD<br>This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers  |

**9. Battery (Select one)**

For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty.

|   |         |        |  |
|---|---------|--------|--|
| N | XN-PA3R | 155.00 | BATTERY, LI-ION, 3100 MAH  |
| N | XN-PA4V | 155.00 | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: XN-CH5X, XN-CH5Y, and XN-CH5A |

**Battery Enclosure (Optional)**

|   |         |       |   |
|---|---------|-------|---|
| N | XN-PA3S | 83.00 | BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use |
|---|---------|-------|---|

**10. Chargers****Rapid Chargers**

|   |         |        |  |
|---|---------|--------|--|
| N | XN-CH5X | 170.00 | CHARGER,1-BAY, TRI-CHEMISTRY                                 |
| N | XN-CH5Y | 920.00 | CHARGER, 6-BAY, TRI-CHEMISTRY                                |
| N | XN-CH5B | 275.00 | WALL MOUNT KIT, CHARGER, 6-BAY, XL-95P                       |
| N | XN-CH6G | 945.00 | CHARGER, 6-BAY, PREMIUM, XL-95P This option replaces XN-CH5A |

**Vehicular Chargers**

|   |         |        |                               |
|---|---------|--------|-------------------------------|
| N | XN-CH6J | 280.00 | VEHICULAR CHARGER, XL CONNECT |
|---|---------|--------|-------------------------------|

## **XL-95P PORTABLES**

Band: VHF/UHF, 700/800

Product Code: XN

| <b>E/C</b>                   | <b>Model No.</b> | <b>List Price \$</b> | <b>Description</b>   |
|------------------------------|------------------|----------------------|--|
| <b>11. Audio Accessories</b> |                  |                      |  |
| N                            | XN-CJ2U          | 235.00               | ADAPTER, XL-95P, 6-PIN HIROSE  |
| <b>Speaker Microphones</b>   |                  |                      |  |
| N                            | XN-AE1V          | 330.00               | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED   |
| N                            | XN-AE2T          | 330.00               | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand  |
| N                            | XN-AE4C          | 350.00               | SPEAKER MIC, RUGGED, COILED, HI-VIS Includes Yellow Rubber PTT Button, Emergency Button, Yellow Removable Grill, Accessory Jack, and Watertight Accessory Connector. For use with all XL-95P portables including UL CID2 Hazardous Location rated* |
| N                            | XN-AE6C          | 320.00               | SPEAKER MIC, RUGGED, COILED Includes Rubber PTT Button, Emergency Button, and Watertight Accessory Connector. For use with all XL-95P portables including UL CID2 Hazardous Location rated*  |
| N                            | XN-AE6M          | 225.00               | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 18 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)  |
| N                            | XN-AE6L          | 250.00               | SPEAKER MIC, STRAIGHT, 25.6 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)   |
| N                            | XN-AE6N          | 225.00               | SPEAKER MIC, STRAIGHT, 30 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)   |
| N                            | XN-AE9D          | 210.00               | SPEAKER MIC Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack. For use with all XL-95P portables including UL CID2 Hazardous Location rated*  |
| N                            | XN-AE6A          | 200.00               | SPEAKER MIC, COILED Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack. For use with all XL-95P portables including UL CID2 Hazardous Location rated*  |

**\*XL-95P UL CID2 Approval Pending for VHF/UHF model (Date to be announced)**

**XL-95P PORTABLES**

Band: VHF/UHF, 700/800  
 Product Code: XN

| E/C  | Model No. | List Price \$ | Description   |
|--|-----------|---------------|---|
| <b>11. Audio Accessories (Cont'd)</b>  |           |               |   |
| <b>Speaker Microphones (Cont'd)</b>  |           |               |   |
| N  | XN-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5 MM Includes the Cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece                                     |
| N  | XN-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker/Mics that have earphone jack. For use with all XL-95P portables including UL CID2 Hazardous Location rated* |
| <b>*XL-95P UL CID2 Approval Pending for VHF/UHF model (Date to be announced)</b> |           |               |   |
| <b>12. Carrying Accessories</b>  |           |               |   |
| N  | XN-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM   |
| N  | XN-HC7T   | 35.00         | BELT LOOP, LEATHER WITH SWIVEL  |
| N  | XN-HC2G   | 20.00         | BELT CLIP, STANDARD, XL-95  |
| N  | XN-HC2E   | 15.00         | STRAP, LEATHER RETAINING, XL-95   |
| <b>Standard Cases</b>  |           |               |   |
| N  | XN-HC2C   | 130.00        | CASE, LEATHER, W/BELT LOOP, XL-95   |
| N  | XN-HC2D   | 100.00        | CASE, LEATHER, W/SHOULDER STRP, XL-95   |
| N  | XN-HC2A   | 80.00         | CASE, BLACK NYLON, W/BELT LOOP, XL-95   |
| N  | XN-HC3Z   | 75.00         | CASE, NYLON, TACTICAL GREEN, MOLLE STRAP  |
| <b>Premium Cases</b>   |           |               |   |
| N  | XN-HC7X   | 70.00         | CASE, LEATHER, PREMIUM, D-POST, XL-95   |
| N  | XN-HC7Y   | 65.00         | CASE, LTHR, PREM, BELT LOOP W/RING, XL-95   |

**XL-95P PORTABLES**

Band: VHF/UHF, 700/800  
 Product Code: XN

| E/C   | Model No. | List Price \$ | Description                                      |
|---|-----------|---------------|--|
| <b>13. Miscellaneous</b>                        |           |               |  |
| <b>Knob Kit</b>                                 |           |               |  |
| N   | XN-ZN2J   | 28.00         | KIT, OVERSIZE KNOB, XL-95                        |
| <b>Cables</b>                                   |           |               |  |
| N   | XN-CJ4E   | 610.00        | CABLE, XL95P, TTL/USB PROGRAMMING                |
| N   | XN-CJ3A   | 275.00        | CABLE, USB PROGRAMMING                           |
| <b>Warranty*</b>                                |           |               |  |
| N   | XN-Y1EWP  | 110.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL95P          |
| N   | XN-Y2EWP  | 160.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL95P          |
| N   | XN-Y3EWP  | 200.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL95P          |
| <b>*Includes one year of Device Management.</b> |           |               |  |
| <b>Manuals</b>                                  |           |               |  |
| V   | MM950XN   | 65.00         | MANUAL, MAINT, XL PORTABLE For XL-95P and XL-45P |
| V   | MM100BN   | 35.00         | MANUAL, USER, BEON CLIENT                        |

*This page intentionally blank*



## **XL-45P PORTABLES**

Band: VHF/ UHF,700/800  
 Product Code: XK



**Gray  
Full Keypad**

The XL-45P portables are multi-application radios that can operate on the following systems:

- P25 Trunking
- P25 Conventional
- Conventional

**All XL-45P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.  | List Price \$ | Description                                   |
|---|------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Phase 1 Trunking and Conventional Operational Mode Package)</b> |            |               |   |
| <b>Full Keypad</b>  |            |               |   |
| C   | XK-PF78B   | 2,300.00      | PORTABLE, XL-45P, 7/800 MHZ, PH1, GRAY        |
| C   | XK-PF78B-C | 2,200.00      | PORTABLE, XL-45P, 7/800 MHZ, CONV, WIFI, GRAY |
| C   | XK-PFVUB   | 2,400.00      | PORTABLE, XL-45P, 136-522 MHZ, PH1, GRAY      |
| C   | XK-PFVUB-C | 2,300.00      | PORTABLE, XL-45P, 136-522M, CONV, WIFI, GRAY  |
| <b>2. Antenna (Select one)</b>  |            |               |   |
| N   | XK-NC8D    | 50.00         | ANTENNA, WHIP, 1/2 WAVE 762-870 MHZ           |
| N   | XK-NC8F    | 45.00         | ANTENNA, WHIP, 1/4 WAVE, 762-870 MHZ          |
| N   | XK-NC5Z    | 125.00        | ANTENNA, FLEX, HELICAL, 136-870 MHZ           |
| N   | XK-NC8E    | 70.00         | ANTENNA, WHIP, DUAL-BAND, UHF/700/800 MHZ     |
| N   | XK-NC1L    | 28.00         | ANTENNA, 378-430 MHZ, WHIP                    |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-45P PORTABLES**

Band: VHF/ UHF,700/800  
 Product Code: XK

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.   | List Price \$ | Description  |
|--|-------------|---------------|--|
| <b>2. Antenna (Select one) (Cont'd)</b>  |             |               |  |
| N  | XK-NC5B     | 34.00         | ANTENNA, 378-403 MHZ, HELICAL  |
| N  | XK-NC1U     | 28.00         | ANTENNA, 403-430 MHZ, HELICAL  |
| N  | XK-NC1N     | 28.00         | ANTENNA, 440-512 MHZ, WHIP   |
| N  | XK-NC1F     | 28.00         | ANTENNA, 440-494 MHZ, HELICAL  |
| N  | XK-NC5Y     | 28.00         | ANTENNA, 470-512 MHZ, HELICAL  |
| N  | XK-NC5W     | 28.00         | ANTENNA, 150-174 MHZ, HELICAL, WIDEBAND  |
| N  | XK-NC1C     | 28.00         | ANTENNA, 150-162 MHZ, HELICAL  |
| N  | XK-NC1B     | 28.00         | ANTENNA, 136-151 MHZ, HELICAL  |
| <b>3. Operational Mode Packages*</b>   |             |               |  |
| N  | BM-PKGCL-XL | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi® networks. A BeOn Server is required to enable this option. |
| *All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups. |             |               |  |
| <b>4. Device Management</b>  |             |               |  |
| L  | RE-XL002    | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION  |
| L  | RE-XL003    | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION  |
| L  | RE-XL004    | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION  |
| L  | RE-XL005    | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION  |
| <b>5. Encryption Options</b>   |             |               |  |
| N  | XK-PL4U     | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION*  |
| N  | XK-PL9E     | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION*  |
| N  | XK-PL8Y     | 0.01          | FEATURE, ENCRYPTION LITE**   |

\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation.

\*\*Encryption Lite is standard on digital operational modes. Encryption Lite must be selected in the Product Configurator.

**XL-45P PORTABLES**

Band: VHF/ UHF,700/800  
 Product Code: XK

| E/C                         | Model No. | List Price \$ | Description   |
|-----------------------------|-----------|---------------|---|
| <b>6. Software Features</b> |           |               |   |
| <b>Software Options</b>     |           |               |   |
| N                           | XK-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |
| NB                          | XK-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink  |
| N                           | XK-PL5K   | 395.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PRGM  |
| N                           | XK-PL9A   | 395.00        | FEATURE, WI-FI OPERATION  |
| N                           | XK-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                           | XK-PL9K   | 350.00        | FEATURE, VIDA ID  |
| N                           | XK-PL8N   | 330.00        | FEATURE, IN-BAND GPS  |
| N                           | XK-PL4M   | 310.00        | FEATURE, GPS OPERATION  |
| N                           | XK-PL4F   | 275.00        | FEATURE, P25 PHASE 2, TDMA  |
| N                           | XK-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N                           | XK-PL9V   | 140.00        | FEATURE, USER SAFETY TO ICS   |
| N                           | XK-FW2X   | 0.01          | OPERATION, LOAD NIFOG PERSONALITY   |
| <b>P25 Software Options</b> |           |               |   |
| N                           | XK-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N                           | XK-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB                          | XK-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                           | XK-PL8M   | 195.00        | FEATURE, EDATA  |
| N                           | XK-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                           | XK-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers   |

**XL-45P PORTABLES**

Band: VHF/ UHF,700/800

Product Code: XK

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>7. Battery (Select one)</b>  |           |               |   |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |   |
| N   | XK-PA3R   | 155.00        | BATTERY, LI-ION, 3100 MAH   |
| N   | XK-PA4V   | 155.00        | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: XK-CH5X, XK-CH5Y, and XK-CH5A                  |
| <b>Battery Enclosure (Optional)</b>   |           |               |   |
| N   | XK-PA3S   | 83.00         | BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use |
| <b>8. Chargers</b>  |           |               |   |
| <b>Rapid Chargers</b>   |           |               |   |
| N   | XK-CH5X   | 170.00        | CHARGER,1-BAY, TRI-CHEMISTRY  |
| N   | XK-CH6G   | 945.00        | CHARGER, 6-BAY, PREMIUM, XL-45P This option replaces XK-CH5A  |
| N   | XK-CH5Y   | 920.00        | CHARGER, 6-BAY, TRI-CHEMISTRY   |
| N   | XK-CH5B   | 275.00        | WALL MOUNT KIT, CHARGER, 6-BAY, XL-45P  |
| <b>Vehicular Chargers</b>   |           |               |   |
| N   | XK-CH6J   | 280.00        | VEHICULAR CHARGER, XL CONNECT   |

**XL-45P PORTABLES**

Band: VHF/ UHF,700/800

Product Code: XK

| E/C                         | Model No. | List Price \$ | Description   |
|-----------------------------|-----------|---------------|---|
| <b>9. Audio Accessories</b> |           |               |   |
| N                           | XK-CJ2U   | 235.00        | ADAPTER, XL-45P, 6-PIN HIROSE   |
| <b>Speaker Microphones</b>  |           |               |   |
| N                           | XK-AE1V   | 330.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED  |
| N                           | XK-AE2T   | 330.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand   |
| N                           | XK-AE4C   | 350.00        | SPEAKER MIC, RUGGED, COILED, HI-VIS Includes Yellow Rubber PTT Button, Emergency Button, Yellow Removable Grill, Accessory Jack, and Watertight Accessory Connector.              |
| N                           | XK-AE6C   | 320.00        | SPEAKER MIC, RUGGED, COILED Includes Rubber PTT Button, Emergency Button, and Watertight Accessory Connector  |
| N                           | XK-AE6M   | 225.00        | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 18 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately) |
| N                           | XK-AE6L   | 250.00        | SPEAKER MIC, STRAIGHT, 25.6 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)              |
| N                           | XK-AE6N   | 225.00        | SPEAKER MIC, STRAIGHT, 30 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)                |
| N                           | XK-AE9D   | 210.00        | SPEAKER MIC Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack.   |
| N                           | XK-AE6A   | 200.00        | SPEAKER MIC, COILED Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack  |
| N                           | XK-AE1K   | 75.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE,2.5 MM Includes the Cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece  |
| N                           | XK-AE3Z   | 75.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker/Mics that have earphone jack.   |

**XL-45P PORTABLES**

Band: VHF/ UHF,700/800

Product Code: XK

| E/C                                      | Model No. | List Price \$ | Description                                      |
|--|-----------|---------------|--|
| <b>10. Carrying Accessories</b>          |           |               |  |
| N  | XK-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM                      |
| N  | XK-HC7T   | 35.00         | BELT LOOP, LEATHER WITH SWIVEL                   |
| N  | XK-HC2G   | 20.00         | BELT CLIP, STANDARD, XL-45                       |
| N  | XK-HC2E   | 15.00         | STRAP, LEATHER RETAINING, XL-45                  |
| <b>Standard Cases</b>                    |           |               |  |
| N  | XK-HC2C   | 130.00        | CASE, LEATHER, W/BELT LOOP, XL-45                |
| N  | XK-HC2D   | 100.00        | CASE, LEATHER, W/SHOULDER STRP, XL-45            |
| N  | XK-HC2A   | 80.00         | CASE, BLACK NYLON, W/BELT LOOP, XL-45            |
| N  | XK-HC3Z   | 75.00         | CASE, NYLON, TACTICAL GREEN, MOLLE STRAP         |
| <b>Premium Cases</b>                     |           |               |  |
| N  | XK-HC7X   | 70.00         | CASE, LEATHER, PREMIUM, D-POST, XL-45            |
| N  | XK-HC7Y   | 65.00         | CASE, LTHR, PREM, BELT LOOP W/RING, XL-45        |
| <b>11. Miscellaneous</b>                 |           |               |  |
| <b>Knob Kit</b>                          |           |               |  |
| N  | XK-ZN2J   | 28.00         | KIT, OVERSIZE KNOB, XL-45                        |
| <b>Cables</b>                            |           |               |  |
| N  | XK-CJ4E   | 610.00        | CABLE, XL45P, TTL/USB PROGRAMMING                |
| N  | XK-CJ3A   | 275.00        | CABLE, USB PROGRAMMING                           |
| <b>Warranty*</b>                         |           |               |  |
| N  | XK-Y1EWP  | 110.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL45P          |
| N  | XK-Y2EWP  | 160.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL45P          |
| N  | XK-Y3EWP  | 200.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL45P          |
| *Includes one year of Device Management. |           |               |  |
| <b>Manuals</b>                           |           |               |  |
| V  | MM950XN   | 65.00         | MANUAL, MAINT, XL PORTABLE For XL-95P and XL-45P |
| V  | MM100BN   | 35.00         | MANUAL, USER, BEON CLIENT                        |

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System**



**Black-Yellow System**



**Midnight Black System**

The XG-75Pe portables are multi-application radios that can operate on the following systems:

- EDACS®
- ProVoice™
- P25 Trunking
- P25 Conventional
- Conventional

The portables have an A-B-C switch.

All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.   | List Price \$ | Description                                   |
|--|-------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |             |               |   |
| <b>System 768-861 MHz</b>  |             |               |   |
| C  | EVXG-PF78YE | 1,720.00      | PORTABLE, XG-75PE, 768-861 MHZ, SYS, BLK-YEL  |
| C  | EVXG-PF78ME | 1,720.00      | PORTABLE, XG-75PE, 768-861 MHZ, SYS, BLACK    |
| C  | EVXG-PF78BE | 1,690.00      | PORTABLE, XG-75PE, 768-861 MHZ, SYS, BLK-GRY  |
| <b>2. Antenna (Select one) (All antenna options are compatible with the UL radio option)</b>   |             |               |   |
| N  | EV-NC8D     | 45.00         | ANTENNA, ENHANCED, WHIP, 1/2 WAVE 762-870 MHZ |
| N  | EV-NC8F     | 40.00         | ANTENNA, ENHANCED, WHIP, 1/4 WAVE 762-870 MHZ |
| N  | MAEV-NNC5X  | 40.00         | ANTENNA, 764-870 MHZ, 1/4 WAVE, WHIP, FM      |
| N  | EV-NC7A     | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE, WHIP          |
| N  | MAEV-NNC5K  | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE, WHIP, FM      |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System**



**Black-Yellow System**



**Midnight Black System**

The XG-75Pe portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- ProVoice™
- P25 Conventional
- Conventional

The portables have an A-B-C switch.

**All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.   | List Price \$ | Description                                   |
|--|-------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |             |               |   |
| <b>Scan 768-861 MHz</b>  |             |               |   |
| C  | EVXG-PB78YE | 1,555.00      | PORTABLE, XG-75PE, 768-861 MHZ, SCAN, BLK-YEL |
| C  | EVXG-PB78ME | 1,555.00      | PORTABLE, XG-75PE, 768-861 MHZ, SCAN, BLACK   |
| C  | EVXG-PB78BE | 1,535.00      | PORTABLE, XG-75PE, 768-861 MHZ, SCAN, BLK-GRY |
| <b>2. Antenna (Select one) (All antenna options are compatible with the UL radio option)</b>   |             |               |   |
| N  | EV-NC8D     | 45.00         | ANTENNA, ENHANCED, WHIP, 1/2 WAVE 762-870 MHZ |
| N  | EV-NC8F     | 40.00         | ANTENNA, ENHANCED, WHIP, 1/4 WAVE 762-870 MHZ |
| N  | MAEV-NNC5X  | 40.00         | ANTENNA, 764-870 MHZ, 1/4 WAVE, WHIP, FM      |
| N  | EV-NC7A     | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE, WHIP          |
| N  | MAEV-NNC5K  | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE, WHIP, FM      |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>





## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System**



**Black-Yellow System**



**Midnight Black System**

The XG-75Pe portables are multi-application radios that can operate on the following systems:

- EDACS®
- ProVoice™
- P25 Trunking
- P25 Conventional
- Conventional

The portables have an A-B-C switch.

**All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.   | List Price \$ | Description                                   |
|--|-------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |             |               |   |
| <b>System 450-512 MHz</b>  |             |               |   |
| C  | EVXG-PFU4YE | 1,875.00      | PORTABLE, XG-75PE, 450-512 MHZ, SYS, BLK-YEL  |
| C  | EVXG-PFU4BE | 1,850.00      | PORTABLE, XG-75PE, 450-512 MHZ, SYS, BLK-GRY  |
| <b>Scan 450-512 MHz</b>  |             |               |   |
| C  | EVXG-PBU4YE | 1,700.00      | PORTABLE, XG-75PE, 450-512 MHZ, SCAN, BLK-YEL |
| C  | EVXG-PBU4BE | 1,675.00      | PORTABLE, XG-75PE, 450-512 MHZ, SCAN, BLK-GRY |
| <b>2. Antenna (Select one) (All antenna options are compatible with the UL radio option)</b>   |             |               |   |
| N  | MAEV-NNC1N  | 25.00         | ANTENNA, 440-512 MHZ, WHIP                    |
| N  | MAEV-NNC5Y  | 25.00         | ANTENNA, 470-512 MHZ, HELICAL                 |
| N  | EVXG-NC1F   | 25.00         | ANTENNA, 440-494 MHZ, HELICAL                 |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**XG-75P AND XG-75PE PORTABLES**

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System**

**Black-Yellow System**

**Midnight Black System**

**Tactical Green System**

The XG-75P portables are multi-application radios that can operate on the following systems:

- EDACS®
- ProVoice™
- P25 Trunking
- P25 Conventional
- Conventional

All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**1. Transceiver (All models below include the P25 Conventional Operational Mode Package) System 378-470 MHz**

|   |            |          |  |
|---|------------|----------|--|
| C | EVXG-PFU1Y | 1,875.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, BLK-YEL   |
| C | EVXG-PFU1M | 1,875.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, MIDNT BLK |
| C | EVXG-PFU1G | 1,875.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, TAC GRN   |
| C | EVXG-PFU1B | 1,850.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, BLK-GRY   |
| C | EVXG-PFU2Y | 2,400.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, 0.1W, YEL |
| C | EVXG-PFU2B | 2,375.00 | PORTABLE, XG-75, 378-470 MHZ, SYS, 0.1W, GRY |

**2. Antenna (Select one) (All antenna options are compatible with the UL radio option)**

|   |           |       |  |
|---|-----------|-------|--|
| N | EVXG-NC1L | 25.00 | ANTENNA, 378-430 MHZ, WHIP, FM   |
| N | EVXG-NC5B | 30.00 | ANTENNA, 378-403 MHZ, HELICAL, FM  |
| N | EVXG-NC1F | 25.00 | ANTENNA, 440-494 MHZ, HELICAL This antenna operates up to 470 MHz on the XG-75 |
| N | EVXG-NC1U | 25.00 | ANTENNA, 403-430 MHZ, HELICAL, FM  |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System**

**Black-Yellow System**

**Midnight Black System**

**Tactical Green System**

The XG-75P portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description  |
|--|------------|---------------|--|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |            |               |  |
| <b>Scan 378-470 MHz</b>  |            |               |  |
| C  | EVXG-PBU1Y | 1,700.00      | PORTABLE, XG-75, 378-470 MHZ, SCAN, BLK-YEL                                    |
| C  | EVXG-PBU1B | 1,675.00      | PORTABLE, XG-75, 378-470 MHZ, SCAN, BLK-GRY                                    |
| C  | EVXG-PBU2Y | 2,175.00      | PORTABLE, XG-75, 378-470 MHZ, SCAN, 0.1W, YEL                                  |
| C  | EVXG-PBU2B | 2,150.00      | PORTABLE, XG-75, 378-470 MHZ, SCAN, 0.1W, GRY                                  |
| <b>2. Antenna (Select one) (All antenna options are compatible with the UL radio option)</b>   |            |               |  |
| N  | EVXG-NC1L  | 25.00         | ANTENNA, 378-430 MHZ, WHIP, FM   |
| N  | EVXG-NC5B  | 30.00         | ANTENNA, 378-403 MHZ, HELICAL, FM  |
| N  | EVXG-NC1F  | 25.00         | ANTENNA, 440-494 MHZ, HELICAL This antenna operates up to 470 MHz on the XG-75 |
| N  | EVXG-NC1U  | 25.00         | ANTENNA, 403-430 MHZ, HELICAL, FM  |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

### XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV



**Black-Gray System      Black-Yellow System      Midnight Black System      Tactical Green System**

The XG-75P portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- ProVoice™
- P25 Conventional
- Conventional

All XG-75P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description                                  |
|--|------------|---------------|--|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |            |               |  |
| <b>System 136-174 MHz</b>  |            |               |  |
| C  | EVXG-PFV1Y | 1,875.00      | PORTABLE, XG-75, 136-174 MHZ, SYS, BLK-YEL   |
| C  | EVXG-PFV1M | 1,875.00      | PORTABLE, XG-75, 136-174 MHZ, SYS, MIDNT BLK |
| C  | EVXG-PFV1G | 1,875.00      | PORTABLE, XG-75, 136-174 MHZ, SYS, TAC GRN   |
| C  | EVXG-PFV1B | 1,850.00      | PORTABLE, XG-75, 136-174 MHZ, SYS, BLK-GRY   |
| <b>Scan 136-174 MHz</b>  |            |               |  |
| C  | EVXG-PBV1Y | 1,700.00      | PORTABLE, XG-75, 136-174 MHZ, SCAN, BLK-YEL  |
| C  | EVXG-PBV1B | 1,675.00      | PORTABLE, XG-75, 136-174 MHZ, SCAN, BLK-GRY  |
| <b>2. Antenna (Select one) (All antenna options are compatible with the UL radio option)</b>   |            |               |  |
| N  | EVXG-NC5W  | 25.00         | ANTENNA, 150-174- MHZ, HELICAL WIDEBAND, FM  |
| N  | EVXG-NC1C  | 25.00         | ANTENNA, 150-162 MHZ, HELICAL, FM            |
| N  | EVXG-NC1B  | 25.00         | ANTENNA, 136-151 MHZ, HELICAL, FM            |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV

| E/C   | Model No.  | List Price \$ | Description  |
|---|------------|---------------|--|
| <b>3. Immersible Mode (This feature upgrades the radio to Immersible operation.)</b>  |            |               |  |
| N   | MAEV-PKGMR | 250.00        | OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)   |
| <b>4. Operational Mode Packages*</b>  |            |               |  |
| NB  | MAEV-PKGPT | 1,025.00      | FEATURE PACKAGE, P25 TRUNKING  |
| NB  | MAEV-PKGED | 1,025.00      | FEATURE PACKAGE, EDACS TRUNKING  |
| NB  | EV-P25ED   | 1,550.00      | FEATURE PACKAGE, P25 TRUNKING & EDACS  |
| <b>*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.</b> |            |               |  |
| <b>5. HazLoc Option (This feature upgrades the radio to Intrinsically Safe)</b>   |            |               |  |
| N   | EV-PA3Y    | 225.00        | BATTERY, LI-ION, 3100 MAH, CID1, UL This option upgrades the radio to UL Intrinsically Safe. It equips the radio with the necessary markings and certifications and a UL C1D1 battery. |
| <b>6. Encryption Options*</b>   |            |               |  |
| N   | EV-PL4U    | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION**   |
| N   | EV-PL9E    | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**   |
| N   | EV-PL8Y    | 0.01          | FEATURE, ENCRYPTION LITE***  |
| N   | MAEV-NPL3V | 425.00        | FEATURE, 64B-DES Encryption for P25 and ProVoice   |
| N   | MAEV-NPL7M | 525.00        | FEATURE, 256B-AES Encryption for P25   |
| NB  | MAEV-PKG8F | 650.00        | FEATURE, 256-AES, 64-DES ECP Encryption (Includes 256-B AES Encryption for P25 and 64-B DES Encryption for P25 & ProVoice)   |

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator.

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV

| E/C   | Model No.  | List Price \$ | Description   |
|---|------------|---------------|---|
| <b>7. Software Features</b>   |            |               |   |
| <b>Software Options</b>   |            |               |   |
| N   | EV-PL4E    | 250.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N   | MAEV-NPL7K | 120.00        | FEATURE, DIRECT FREQUENCY ENTRY   |
| N   | MAEV-NPL6T | 20.00         | FEATURE, MDC-1200   |
| N   | EV-SP2V    | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers.                            |
| <b>ProVoice, EDACS, and P25 Software Options</b>  |            |               |   |
| N   | MAEV-NPL3R | 0.01          | FEATURE, MAXIMUM (1024+) SYSTEMS/GROUPS*  |
| N   | MAEV-NPL5K | 300.00        | FEATURE, ProFile™ OVER-THE-AIR PROGRAMMING  |
| N   | MAEV-NPL7G | 120.00        | FEATURE, EDACS SECURITY KEY/P25 PERSONALITY LOCK  |
| N   | MAEV-NPL7N | 65.00         | FEATURE, RADIO TEXTLINK   |
| N   | MAEV-NPL3Y | 60.00         | FEATURE, STATUS MESSAGE   |
| <b>*1024+ systems/groups is a standard feature</b>  |            |               |   |
| <b>ProVoice and EDACS Software Options</b>  |            |               |   |
| N   | EV-PRO     | 275.00        | FEATURE, PROVOICE (Must have Operational Mode Package containing EDACS for this upgrade)  |
| N   | MAEV-NPL3X | 225.00        | FEATURE, EDACS DATA   |
| <b>P25 Software Options</b>   |            |               |   |
| N   | EV-LLA     | 100.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N   | EV-PL8M    | 195.00        | FEATURE, EDATA  |
| N   | MAEV-NPL7P | 225.00        | FEATURE, P25 DATA   |
| N   | EVXG-NPL4F | 250.00        | FEATURE, P25 PHASE 2, TDMA  |
| N   | EV-PL8N    | 175.00        | FEATURE, IN-BAND GPS  |
| N   | MAEV-NPL5L | 525.00        | FEATURE, P25 OVER-THE-AIR-REKEYING (OTAR)   |
| <b>8. Battery (Select one)</b>  |            |               |   |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |            |               |   |
| <b>Immersible (Must be ordered with Immersible Mode (MAEV-PKGMR))</b>   |            |               |   |
| N   | EV-PA4B    | 200.00        | BATTERY, LI-ION, 3100 MAH, CID1, UL For use as a spare battery with HazLoc radio option EV-PA3Y. Ordering this IS battery for use with a non-IS radio does not produce an Intrinsically Safe radio. |
| N   | EV-PA3R    | 135.00        | BATTERY, LI-ION, 3100 MAH   |
| N   | EV-PA4V    | 135.00        | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: EV-CH5X, EV-CH5Y, and EV-CH5A  |

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV

### (IS) INTRINSICALLY SAFE APPROVALS

An accessory description followed by the symbol FM indicates that the option is approved for use with FM certified Intrinsically Safe radios.

| E/C                                     | Model No.  | List Price \$ | Description   |
|---|------------|---------------|---|
| <b>8. Battery (Select one) (Cont'd)</b> |            |               |   |
| <b>Battery Enclosure (Optional)</b>     |            |               |   |
| N                                       | EV-PA3S    | 75.00         | BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use   |
| <b>9. Chargers</b>                      |            |               |   |
| <b>Rapid Chargers</b>                   |            |               |   |
| N                                       | EV-CH5X    | 150.00        | CHARGER, 1-BAY, TRI-CHEMISTRY   |
| N                                       | EV-CH5Y    | 825.00        | CHARGER, 6-BAY, TRI-CHEMISTRY   |
| N                                       | EV-CH6G    | 925.00        | CHARGER, 6-BAY, PREMIUM, XG-75P This option replaces EV-CH5A  |
| N                                       | MAEV-AE4A  | 100.00        | WALL MOUNT KIT, CHARGER, 6-BAY, LI-ION/POLY   |
| <b>Vehicular Chargers</b>               |            |               |   |
| N                                       | EV-CH6J    | 250.00        | VEHICULAR CHARGER, XL CONNECT   |
| <b>10. Audio Accessories</b>            |            |               |   |
| N                                       | EV-CJ2U    | 175.00        | ADAPTER, XG-75, 6-PIN HIROSE  |
| N                                       | EV-AE1S    | 179.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT   |
| <b>Speaker Microphones</b>              |            |               |   |
| N                                       | MAEV-NAE9R | 575.00        | SPEAKER MIC, GPS Includes Rubber PTT Button, Emergency Button, and GPS-only Antenna. For use with P25 and EDACS   |
| N                                       | EV-AE4K    | 350.00        | SPEAKER MIC, RUGGED, COILED, HIROSE PORT Includes Coiled Cord, Rubber PTT Button, Emergency Button, Hirose Accessory Jack, and Watertight Accessory Connector |
| N                                       | EV-AE1V    | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED  |
| N                                       | EV-AE2T    | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand   |

## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV

### (IS) INTRINSICALLY SAFE APPROVALS

An accessory description followed by the symbol FM indicates that the option is approved for use with FM certified Intrinsically Safe radios.

| E/C                                   | Model No.  | List Price \$ | Description  |
|---------------------------------------|------------|---------------|--|
| <b>10. Audio Accessories (Cont'd)</b> |            |               |  |
| <b>Speaker Microphones (Cont'd)</b>   |            |               |  |
| N                                     | EV-AE4C    | 285.00        | SPEAKER MIC, RUGGED, COILED, HI-VIS, FM Includes Yellow Rubber PTT Button, Emergency Button, Yellow Removable Grill, Accessory Jack, and Watertight Accessory Connector. Immersion Rated to 1 Meter. |
| N                                     | MAEV-NAE6C | 260.00        | SPEAKER MIC, RUGGED, COILED, FM Includes Rubber PTT Button, Emergency Button, Coiled Cord, and Watertight Accessory Connector. Immersion Rated to 1 Meter.   |
| N                                     | MAEV-AE6N  | 175.00        | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 30 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)                    |
| N                                     | MAEV-AE6L  | 175.00        | SPEAKER MIC, STRAIGHT, 25.6 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)                                 |
| N                                     | MAEV-AE6M  | 175.00        | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 18 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)                    |
| N                                     | MAEV-NAE6A | 160.00        | SPEAKER MIC, COILED, FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Coiled Cord, and Earphone Jack  |
| N                                     | MAEV-NAE9D | 175.00        | SPEAKER MIC, FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack   |
| N                                     | EV-AE1K    | 65.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the Cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece   |
| N                                     | MAEV-NAE3Z | 65.00         | EARPHONE, LAPEL MICROPHONE, FM For use with Speaker Mics that have earphone jacks  |



## XG-75P AND XG-75PE PORTABLES

Band: 700/800, UHF, VHF  
 Product Code: EV

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>11. Carrying Accessories</b>             |               |               |  |
| N   | EV-HC4A       | 60.00         | BELT LOOP, LEATHER, PREMIUM                                      |
| N   | MAEV-NHC7T    | 35.00         | BELT LOOP, LEATHER WITH SWIVEL                                   |
| N   | MAEV-NHC2G    | 20.00         | BELT CLIP, Standard  |
| <b>Standard Cases</b>                       |               |               |  |
| N   | MAEV-NHC2C    | 130.00        | CASE, LEATHER WITH BELT LOOP                                     |
| N   | MAEV-NHC2D    | 100.00        | CASE, LEATHER WITH SHOULDER STRAP                                |
| N   | MAEV-NHC2A    | 80.00         | CASE, BLACK NYLON WITH BELT LOOP                                 |
| N   | EV-HC3Z       | 75.00         | CASE, NYLON, TACTICAL GREEN, MOLLE STRAP                         |
| N   | MAEV-NHC2E    | 15.00         | STRAP, LEATHER RETAINING   |
| <b>Premium Cases</b>                        |               |               |  |
| N   | EV-HC4C       | 150.00        | CASE, LEATHER, PREMIUM, XG75/25, SHLDER STRAP                    |
| N   | EV-HC4B       | 170.00        | CASE, LEATHER, PREMIUM, XG75/25, BELT LOOP                       |
| <b>12. Miscellaneous</b>                    |               |               |  |
| <b>Battery Charger/Analyzer/Conditioner</b> |               |               |  |
| V   | CADEX-7400    | 4,100.00      | ANALYZER, BATTERY, CADEX, 4-BAY Requires sleeves below           |
| S   | AA-018695-001 | 220.00        | ADAPTER, SLEEVE FOR CADEX-7400 SYSTEM FOR<br>NICD/NIMH BATTERIES |
| <b>Adapters</b>                             |               |               |  |
| N   | EV-CJ1R       | 179.00        | ADAPTER, UDC, BLUETOOTH, XG-75P                                  |
| N   | EV-CJ1N       | 199.00        | ADAPTER, UDC, GPS, XG-75P  |
| <b>Knob Kits</b>                            |               |               |  |
| N   | EV-ZN2J       | 25.00         | KIT, OVERSIZE KNOB, XG-75/P7300                                  |
| <b>Label Kits</b>                           |               |               |  |
| N   | EV-ZN2K       | 115.00        | KIT, LABEL, REAR, FIRE, XG-75, 16PK                              |
| N   | EV-ZN2L       | 155.00        | KIT, LABEL, REAR, EMT, XG-75, 16PK                               |
| N   | EV-ZN2M       | 120.00        | KIT, LABEL, FRONT, RED, XG-75, 20PK                              |
| N   | EV-ZN2N       | 120.00        | KIT, LABEL, FRONT, GREEN, XG-75, 20PK                            |
| N   | EV-ZN2P       | 120.00        | KIT, LABEL, FRONT, BLUE, XG-75, 20PK                             |
| N   | EV-ZN2R       | 120.00        | KIT, LABEL, FRONT, YELLOW, XG-75, 20PK                           |
| N   | EV-ZN2T       | 120.00        | KIT, LABEL, FRONT, ORANGE, XG-75, 20PK                           |

**XG-75P AND XG-75PE PORTABLES**

Band: 700/800, UHF, VHF

Product Code: EV

| E/C                               | Model No.     | List Price \$ | Description                          |
|-----------------------------------|---------------|---------------|--------------------------------------|
| <b>12. Miscellaneous (Cont'd)</b> |               |               |                                      |
| <b>Cables</b>                     |               |               |                                      |
| N                                 | CA-023407-001 | 265.43        | CABLE, PROGRAMMING                   |
| S                                 | 14002-0143-01 | 388.44        | CABLE, PROGRAMMER ADAPTOR, KVL 3000+ |
| N                                 | MAEV-NCJ2A    | 230.00        | CABLE, DATA INTERFACE                |
| <b>Warranty</b>                   |               |               |                                      |
| N                                 | EV-Y1EWP      | 60.00         | WARRANTY, EXTENDED 1 YR, PORTABLE    |
| N                                 | EV-Y2EWP      | 110.00        | WARRANTY, EXTENDED 2 YR, PORTABLE    |
| N                                 | EV-Y3EWP      | 160.00        | WARRANTY, EXTENDED 3 YR, PORTABLE    |
| <b>Industry Canada</b>            |               |               |                                      |
| N                                 | MAEV-NEC1A    | 20.00         | OPTION, INDUSTRY CANADA              |
| <b>Manuals</b>                    |               |               |                                      |
| V                                 | MM110-XG75    | 65.00         | MANUAL, MAINT, XG-75, VHF            |
| V                                 | MM210-XG75    | 65.00         | MANUAL, MAINT, XG-75, UHF            |
| V                                 | MM780-XG75    | 65.00         | MANUAL, MAINT, XG-75, 700/800 MHZ    |
| V                                 | MM450-XG75    | 65.00         | MANUAL, MAINT, XG-75PE, UHF-H        |
| V                                 | MM785-XG75    | 65.00         | MANUAL, MAINT, XG-75PE, 700/800 MHZ  |

## **XG-75P AND XG-75PE PORTABLES**

Band: 700/800, UHF, VHF  
Product Code: EV

### **HAZARDOUS LOCATION (HAZLOC)**

Hazardous Location radios provided by L3Harris are certified by Underwriters Laboratories (UL). XG-75P and XG-75Pe radios when properly equipped with UL approved batteries and accessories are certified to ANSI/TIA-4950, ANSI/ISA 12.12.01, CAN/CSA-C22.2 No. 157-92, CAN/CSA-C22.2 No. 213-15 standards as suitable for use in Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F, and G; Class III, Division 1 hazardous locations; Class I, Division 2, Groups A, B, C, and D or non-hazardous (unclassified) locations only.

*This page intentionally blank*

## XG-25P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: DP



**Scan**

**System**

The XG-25P portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

All XG-25P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description                                   |
|--|------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |            |               |   |
| <b>System 764-870 MHz</b>  |            |               |   |
| C  | DPXG-PF78B | 1,200.00      | PORTABLE, XG-25P, 764-870 MHZ, SYSTEM         |
| <b>Scan 764-870 MHz</b>  |            |               |   |
| C  | DPXG-PB78B | 1,100.00      | PORTABLE, XG-25P, 764-870 MHZ, SCAN           |
| <b>2. Antenna (Select one)</b>   |            |               |   |
| N  | DP-NC8D    | 45.00         | ANTENNA, ENHANCED, WHIP, 1/2 WAVE 762-870 MHZ |
| N  | DP-NC8F    | 40.00         | ANTENNA, ENHANCED, WHIP, 1/4 WAVE 762-870 MHZ |
| N  | DP-NC5X    | 40.00         | ANTENNA, 764-870 MHZ, 1/4 WAVE WHIP           |
| N  | DP-NC7A    | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE, WHIP          |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XG-25P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: DP



**Scan**

**System**

The XG-25P portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

**All XG-25P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.  | List Price \$ | Description                           |
|--|------------|---------------|---------------------------------------|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |            |               |                                       |
| <b>System 378-470 MHz</b>  |            |               |                                       |
| C  | DPXG-PFU1B | 1,300.00      | PORTABLE, XG-25P, 378-470 MHZ, SYSTEM |
| <b>Scan 378-470 MHz</b>  |            |               |                                       |
| C  | DPXG-PBU1B | 1,200.00      | PORTABLE, XG-25P, 378-470 MHZ, SCAN   |
| <b>2. Antenna (Select one)</b>   |            |               |                                       |
| N  | DP-NC1F    | 25.00         | ANTENNA, 440-494 MHZ, HELICAL         |
| N  | DP-NC1U    | 25.00         | ANTENNA, 403-430 MHZ, HELICAL         |
| N  | DP-NC5B    | 30.00         | ANTENNA, 378-403 MHZ, HELICAL         |
| N  | DP-NC1L    | 25.00         | ANTENNA, 378-430 MHZ, WHIP            |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XG-25P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: DP



**Scan**

**System**

The XG-25P portables are multi-application radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

All XG-25P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description                                |
|--|------------|---------------|--|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |            |               |  |
| <b>System 136-174 MHz</b>  |            |               |  |
| C  | DPXG-PFV1B | 1,300.00      | PORTABLE, XG-25P, 136-174 MHZ, SYSTEM      |
| <b>Scan 136-174 MHz</b>  |            |               |  |
| C  | DPXG-PBV1B | 1,200.00      | PORTABLE, XG-25P, 136-174 MHZ, SCAN        |
| <b>2. Antenna (Select one)</b>   |            |               |  |
| N  | DP-NC5W    | 25.00         | ANTENNA, 150-174 MHZ, HELICAL WIDEBAND, FM |
| N  | DP-NC1C    | 25.00         | ANTENNA, 150-162 MHZ, HELICAL, FM          |
| N  | DP-NC1B    | 25.00         | ANTENNA, 136-151 MHZ, HELICAL, FM          |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XG-25P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: DP

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>3. Operational Mode Packages*</b>  |           |               |  |
| NB  | DP-PKGPT  | 825.00        | FEATURE PACKAGE, P25 TRUNKING  |
| NB  | DP-PKGED  | 825.00        | FEATURE PACKAGE, EDACS TRUNKING  |
| NB  | DP-P25ED  | 1,325.00      | FEATURE PACKAGE, P25 TRUNKING & EDACS  |
| *All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan and 512 systems/groups.                        |           |               |  |
| <b>4. Encryption Options*</b>   |           |               |  |
| N   | DP-PL4U   | 0.01          | FEATURE, SINGLE-KEY-DES ENCRYPTION**   |
| N   | DP-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**   |
| N   | DP-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***  |
| N   | DP-PL3V   | 425.00        | FEATURE, 64B-DES ENCRYPTION for P25  |
| N   | DP-PL7M   | 525.00        | FEATURE, 256B-AES ENCRYPTION for P25   |
| N   | DP-PKG8F  | 650.00        | FEATURE, 256B-AES, 64B-DES ECP ENCRYPTION for P25  |
| *Ordering multi-key AES provides full P25 CAP compliance.   |           |               |  |
| **Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.               |           |               |  |
| ***Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator. |           |               |  |
| <b>5. Software Features</b>   |           |               |  |
| <b>Software Options</b>   |           |               |  |
| N   | DP-PL4E   | 250.00        | FEATURE, CONVENTIONAL VOTE SCAN  |
| N   | DP-PL7K   | 120.00        | DIRECT FREQUENCY ENTRY   |
| N   | DP-PL4N   | 110.00        | FEATURE, BLUETOOTH OPERATION   |
| N   | DP-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers. |



## XG-25P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: DP

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>5. Software Features (Cont'd)</b>  |           |               |   |
| <b>ProVoice, EDACS, and P25 Software Options</b>  |           |               |   |
| N   | DP-PL7G   | 120.00        | FEATURE, ESK/P25 PERSONALITY LOCK   |
| <b>ProVoice and EDACS Software Options</b>  |           |               |   |
| N   | DP-PRO    | 275.00        | FEATURE, PROVOICE (Must have Operational Mode Package containing EDACS for this upgrade)                              |
| N   | DP-PL3X   | 225.00        | FEATURE, EDACS DATA   |
| <b>P25 Software Options</b>   |           |               |   |
| N   | DP-PL7Z   | 0.00          | FEATURE, 512 SYSTEMS/GROUPS*  |
| N   | DP-PL5L   | 525.00        | FEATURE, P25 OVER-THE-AIR REKEYING  |
| N   | DP-PL5K   | 300.00        | FEATURE, ProFile™ OTAP OVER-THE-AIR PROGRAMMING   |
| N   | DP-PL4F   | 250.00        | FEATURE, P25 PHASE 2, TDMA  |
| N   | DP-PL8N   | 175.00        | FEATURE, IN-BAND GPS  |
| N   | DP-PL3R   | 225.00        | FEATURE, MAXIMUM (1024+) SYSTEMS/GROUPS   |
| N   | DP-PL7P   | 225.00        | FEATURE, P25 DATA   |
| N   | DP-PL8M   | 195.00        | FEATURE, EDATA  |
| N   | DP-LLA    | 100.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N   | DP-PL7N   | 65.00         | FEATURE, RADIO TEXTLINK   |
| N   | DP-PL3Y   | 60.00         | FEATURE, STATUS MESSAGE   |
| <b>*512 systems/groups is a standard feature</b>  |           |               |   |
| <b>6. Battery (Select one)</b>  |           |               |   |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |   |
| N   | DP-PA3R   | 135.00        | BATTERY, LI-ION, 3100 MAH   |
| N   | DP-PA4V   | 135.00        | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: DP-CH5X and DP-CH5Y                            |
| <b>Battery Enclosure (Optional)</b>   |           |               |   |
| N   | DP-PA3S   | 75.00         | BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use |
| <b>7. Chargers</b>  |           |               |   |
| <b>Rapid Chargers</b>   |           |               |   |
| N   | DP-CH5X   | 150.00        | CHARGER, 1-BAY, TRI-CHEMISTRY   |
| N   | DP-CH5Y   | 825.00        | CHARGER, 6-BAY, TRI-CHEMISTRY   |
| <b>Vehicular Chargers</b>   |           |               |   |
| N   | DP-CH6J   | 250.00        | VEHICULAR CHARGER, XL CONNECT   |

**XG-25P PORTABLES**

Band: VHF, UHF, 700/800

Product Code: DP

| E/C                            | Model No. | List Price \$ | Description  |
|--------------------------------|-----------|---------------|--|
| <b>8. Audio Accessories</b>    |           |               |  |
| N                              | DP-AE1S   | 179.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT  |
| <b>Speaker Microphones</b>     |           |               |  |
| N                              | DP-AE9R   | 575.00        | SPEAKER MIC, GPS Includes Rubber PTT Button, Emergency Button, and GPS-only Antenna. For use with P25  |
| N                              | DP-AE4K   | 350.00        | SPEAKER MIC, RUGGED, COILED, HIROSE PORT Includes Coiled Cord, Rubber PTT Button, Emergency Button, Hirose Accessory Jack, and Watertight Accessory Connector  |
| N                              | DP-AE1V   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED   |
| N                              | DP-AE2T   | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand  |
| N                              | DP-AE4C   | 285.00        | SPEAKER MIC, RUGGED, COILED, HI-VIS, FM Includes Yellow Rubber PTT Button, Emergency Button, Yellow Removable Grill, Accessory Jack, and Watertight Accessory Connector. Immersion Rated to 1 Meter. |
| N                              | DP-AE6C   | 260.00        | SPEAKER MIC, RUGGED, COILED, FM Includes Rubber PTT Button, Emergency Button, and Watertight Accessory Connector. Immersion Rated to 1 Meter.  |
| N                              | DP-AE6A   | 160.00        | SPEAKER MIC, COILED FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack  |
| N                              | DP-AE9D   | 175.00        | SPEAKER MIC, FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack   |
| N                              | DP-AE1K   | 65.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the Cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece   |
| N                              | DP-AE3Z   | 65.00         | EARPHONE, LAPEL MICROPHONE For use with Speaker/Mics that have earphone jack   |
| <b>9. Carrying Accessories</b> |           |               |  |
| N                              | DP-HC4A   | 60.00         | BELT LOOP, LEATHER, PREMIUM  |
| N                              | DP-HC7T   | 35.00         | BELT LOOP, LEATHER, WITH SWIVEL  |
| N                              | DP-HC7P   | 20.00         | BELT CLIP, METAL   |
| <b>Standard Cases</b>          |           |               |  |
| N                              | DP-HC9L   | 130.00        | CASE, LEATHER, W/BELT LOOP, XG-25P   |
| N                              | DP-HC9S   | 100.00        | CASE, LEATHER W/SHOULDER STRAP, XG-25P   |
| N                              | DP-HC9M   | 80.00         | CASE, NYLON, BLACK, W/BELT LOOP, XG-25P  |
| N                              | DP-HC3T   | 80.00         | CASE, NYLON, ORANGE, W/BELT LOOP, XG-25P   |
| N                              | DP-HC9V   | 15.00         | STRAP, STND, RETAINING, USE W/SHLDER STRAP   |

## XG-25P PORTABLES

Band: VHF, UHF, 700/800  
 Product Code: DP

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>9. Carrying Accessories (Cont'd)</b>     |               |               |  |
| <b>Premium Cases</b>                        |               |               |  |
| N   | DP-HC4C       | 150.00        | CASE, LEATHER, PREMIUM, XG75/25, SHLDER STRAP                    |
| N   | DP-HC4B       | 170.00        | CASE, LEATHER, PREMIUM, XG75/25, BELT LOOP                       |
| <b>10. Miscellaneous</b>                    |               |               |  |
| <b>Battery Charger/Analyzer/Conditioner</b> |               |               |  |
| V   | CADEX-7400    | 4,100.00      | ANALYZER, BATTERY, CADEX, 4-BAY Requires sleeves below           |
| S   | AA-018695-001 | 220.00        | ADAPTER, SLEEVE FOR CADEX-7400 SYSTEM FOR<br>NICD/NIMH BATTERIES |
| <b>Adapters</b>                             |               |               |  |
| N   | DP-CJ1N       | 199.00        | ADAPTER, UDC, GPS, XG-25P  |
| <b>Cables</b>                               |               |               |  |
| N   | CA-023407-001 | 265.43        | CABLE, PROGRAMMING   |
| N   | 14002-0143-01 | 388.44        | CABLE, PROGRAMMER ADAPTOR, KVL 3000+                             |
| N   | DP-CJ2A       | 230.00        | CABLE, DATA INTERFACE  |
| <b>Warranty</b>                             |               |               |  |
| N   | DP-Y1EWP      | 60.00         | WARRANTY, EXTENDED 1 YR, PORTABLE                                |
| N   | DP-Y2EWP      | 110.00        | WARRANTY, EXTENDED 2 YR, PORTABLE                                |
| N   | DP-Y3EWP      | 160.00        | WARRANTY, EXTENDED 3 YR, PORTABLE                                |
| <b>Industry Canada</b>                      |               |               |  |
| N   | DP-EC1A       | 20.00         | OPTION, INDUSTRY CANADA  |
| <b>Manuals</b>                              |               |               |  |
| V   | MM100DP       | 65.00         | MANUAL, MAINTENANCE, XG-25P, VHF                                 |
| V   | MM400DP       | 65.00         | MANUAL, MAINTENANCE, XG-25P, UHF-L                               |
| V   | MM780DP       | 65.00         | MANUAL, MAINTENANCE, XG-25P, 700/800 MHZ                         |

*This page intentionally blank*

## XG-15P PORTABLE

Band: VHF, UHF, 700/800  
 Product Code: XR



### XG-15P

The XG-15P portables are multi-application radios that can operate on the following systems:

- P25 Trunking
- P25 Conventional
- Conventional

All XG-15P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description   |
|--|------------|---------------|---|
| <b>1. Package (All packages below include a 2400 mAh Li-Ion battery, antenna, single-bay tri-chemistry charger, metal belt clip, single-key DES, 512 systems/groups, and the Analog Conventional Operational Mode Package)</b> |            |               |   |
| C  | XR-PF78B-C | 1,095.00      | PORTABLE PKG, XG-15P, 768-861 MHZ, SYSTEM, P25C<br>Includes P25 Conventional and 764-870 MHz 1/4 wave whip antenna. Please see the Package listing above for additional contents    |
| C  | XR-PFU1B-C | 1,200.00      | PORTABLE PKG, XG-15P, 440-512 MHZ, SYSTEM, P25C<br>Includes P25 Conventional and 440-512 MHz whip antenna. Please see the Package listing above for additional contents             |
| C  | XR-PFV1B-C | 1,200.00      | PORTABLE PKG, XG-15P, 136-174 MHZ, SYSTEM, P25C<br>Includes P25 Conventional and 150-174 MHz wideband helical antenna. Please see the Package listing above for additional contents |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**XG-15P PORTABLE**

Band: VHF, UHF, 700/800  
 Product Code: XR

**XG-15P**

The XG-15P portables are multi-application radios that can operate on the following systems:

- P25 Trunking
- P25 Conventional
- Conventional

All XG-15P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.

| E/C  | Model No.  | List Price \$ | Description  |
|--|------------|---------------|--|
| <b>1. Package (All packages below include a 2400 mAh Li-Ion battery, antenna, single-bay tri-chemistry charger, metal belt clip, single-key DES, 512 systems/groups, and the Analog Conventional Operational Mode Package)</b> |            |               |  |
| C  | XR-PF78B-T | 1,350.00      | PORTABLE PKG, XG-15P, 768-861 MHZ, SYSTEM, P25T<br>Includes P25 Trunking and 764-870 MHz 1/4 wave whip antenna Please see the Package listing above for additional contents    |
| C  | XR-PFU1B-T | 1,475.00      | PORTABLE PKG, XG-15P, 440-512 MHZ, SYSTEM, P25T<br>Includes P25 Trunking and 440-512 MHz whip antenna Please see the Package listing above for additional contents             |
| C  | XR-PFV1B-T | 1,475.00      | PORTABLE PKG, XG-15P, 136-174 MHZ, SYSTEM, P25T<br>Includes P25 Trunking and 150-174 MHz wideband helical antenna Please see the Package listing above for additional contents |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## XG-15P PORTABLE

Band: VHF, UHF, 700/800  
 Product Code: XR



**XG-15P**

The XG-15P portables are multi-application radios that can operate on the following systems:

- P25 Trunking
- P25 Conventional
- Conventional

**All XG-15P orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C  | Model No.      | List Price \$ | Description   |
|--|----------------|---------------|---|
| <b>1. Package (All packages below include a 2400 mAh Li-Ion battery, antenna, single-bay tri-chemistry charger, metal belt clip, single-key DES, 512 systems/groups, and the Analog Conventional Operational Mode Package)</b> |                |               |   |
| C  | XR-PF78B-T-PH2 | 1,795.00      | PORTABLE PKG, XG-15P, 768-861 MHZ, SYS, P25T, TDMA Includes P25 Phase 2 Trunking and 764-870 MHz 1/4 wave whip antenna. Please see the Package listing above for additional contents    |
| C  | XR-PFU1B-T-PH2 | 1,950.00      | PORTABLE PKG, XG-15P, 440-512 MHZ, SYS, P25T, TDMA Includes P25 Phase 2 Trunking and 440-512 MHz whip antenna. Please see the Package listing above for additional contents             |
| C  | XR-PFV1B-T-PH2 | 1,950.00      | PORTABLE PKG, XG-15P, 136-174 MHZ, SYS, P25T, TDMA Includes P25 Phase 2 Trunking and 150-174 MHz wideband helical antenna. Please see the Package listing above for additional contents |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**XG-15P PORTABLE**

Band: VHF, UHF, 700/800  
 Product Code: XR

| E/C  | Model No. | List Price \$ | Description  |
|--|-----------|---------------|--|
| <b>2. Antennas</b>   |           |               |  |
| N  | XR-NC8D   | 45.00         | ANTENNA, ENHANCED, WHIP, 1/2 WAVE 762-870 MHZ  |
| N  | XR-NC8F   | 40.00         | ANTENNA, ENHANCED, WHIP, 1/4 WAVE 762-870 MHZ  |
| N  | XR-NC5X   | 40.00         | ANTENNA, 764-870 MHZ, 1/4 WAVE WHIP  |
| N  | XR-NC5K   | 30.00         | ANTENNA, 764-870 MHZ, 1/2 WAVE END-FED   |
| N  | XR-NC1N   | 25.00         | ANTENNA, 440-512 MHZ, WHIP   |
| N  | XR-NC5W   | 25.00         | ANTENNA, 150-174 MHZ, HELICAL WIDEBAND   |
| N  | XR-NC1B   | 25.00         | ANTENNA, 136-151 MHZ, HELICAL  |
| <b>3. Encryption</b>   |           |               |  |
| N  | XR-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE*  |
| N  | XR-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION   |
| *Encryption Lite comes standard on digital operational modes. Encryption Lite must be selected in the Product Configurator. Ordering a radio without Encryption Lite provides a fully P25 CAP compliant radio.   |           |               |  |
| <b>4. Software Features</b>  |           |               |  |
| N  | XR-PL5K   | 300.00        | FEATURE, PROFILE™ OTAP OVER-THE-AIR PRGM   |
| N  | XR-PL8N   | 175.00        | FEATURE, IN-BAND GPS   |
| N  | XR-PL4E   | 250.00        | FEATURE, CONVENTIONAL VOTE SCAN  |
| N  | XR-PL7G   | 120.00        | FEATURE, ESK/P25 PERSONALITY LOCK  |
| N  | XR-LLA    | 100.00        | FEATURE, LINK LAYER AUTHENTICATION   |
| N  | XR-PL7N   | 65.00         | FEATURE, RADIO TEXTLINK  |
| N  | XR-PL3Y   | 60.00         | FEATURE, STATUS MESSAGE  |
| N  | XR-PL6T   | 20.00         | FEATURE, MDC-1200  |
| N  | XR-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers. |
| <b>5. Battery</b>  |           |               |  |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |           |               |  |
| N  | XR-PA3R   | 135.00        | BATTERY, LI-ION, 3100 MAH  |
| N  | XR-PA4V   | 135.00        | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: XR-CH5X and XR-CH5Y   |
| <b>6. Chargers</b>   |           |               |  |
| <b>Rapid Chargers</b>  |           |               |  |
| N  | XR-CH5X   | 150.00        | CHARGER, 1-BAY, TRI-CHEMISTRY  |
| N  | XR-CH5Y   | 825.00        | CHARGER, 6-BAY, TRI-CHEMISTRY  |
| <b>Vehicular Chargers</b>  |           |               |  |
| N  | XR-CH6J   | 250.00        | VEHICULAR CHARGER, XL CONNECT  |



**XG-15P PORTABLE**

Band: VHF, UHF, 700/800  
 Product Code: XR

| E/C                            | Model No.     | List Price \$ | Description  |
|--------------------------------|---------------|---------------|--|
| <b>7. Audio Accessories</b>    |               |               |  |
| <b>Speaker Microphones</b>     |               |               |  |
| N                              | XR-AE9R       | 575.00        | SPEAKER MIC, GPS Includes Rubber PTT Button, Emergency Button, and GPS-only Antenna. For use with P25          |
| N                              | XR-AE1V       | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED   |
| N                              | XR-AE2T       | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand                                |
| N                              | XR-AE6C       | 260.00        | SPEAKER MIC, RUGGED, COILED  |
| N                              | XR-AE6A       | 160.00        | SPEAKER MIC, COILED Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack |
| <b>8. Carrying Accessories</b> |               |               |  |
| N                              | XR-HC7P       | 20.00         | BELT CLIP, METAL   |
| N                              | XR-NHC9S      | 100.00        | CASE, STND, LEATHER W/SHOULDER STRAP KIT   |
| N                              | XR-NHC9T      | 60.00         | CASE, STND, LEATHER W/ BELT LOOP & SWIVEL  |
| N                              | XR-NHC9U      | 45.00         | CASE, STND, BLK NYLON W/BELT LOOP/SWIVEL   |
| N                              | XR-NHC9V      | 15.00         | STRAP, STND, RETAINING, USE W/SHLDER STRAP   |
| <b>9. Miscellaneous</b>        |               |               |  |
| <b>Adapters</b>                |               |               |  |
| N                              | XR-CJ1R       | 179.00        | ADAPTER, UDC, BLUETOOTH, XG-15P  |
| N                              | XR-CJ1N       | 199.00        | ADAPTER, UDC, GPS, XG-15P  |
| <b>Cables</b>                  |               |               |  |
| N                              | CA-023407-001 | 265.43        | CABLE, PROGRAMMING   |
| N                              | 14002-0143-01 | 388.44        | CABLE, PROGRAMMER ADAPTOR, KVL 3000+   |
| <b>Warranty</b>                |               |               |  |
| N                              | XR-Y1EWP      | 60.00         | WARRANTY, EXTENDED 1 YR, PORTABLE  |
| N                              | XR-Y2EWP      | 110.00        | WARRANTY, EXTENDED 2 YR, PORTABLE  |
| N                              | XR-Y3EWP      | 160.00        | WARRANTY, EXTENDED 3 YR, PORTABLE  |
| <b>Industry Canada</b>         |               |               |  |
| N                              | XR-EC1A       | 20.00         | OPTION, INDUSTRY CANADA  |
| <b>Manuals</b>                 |               |               |  |
| V                              | MM100XR       | 65.00         | MANUAL, MAINT, XG-15P, VHF   |
| V                              | MM450XR       | 65.00         | MANUAL, MAINT, XG-15P, UHF-H   |
| V                              | MM780XR       | 65.00         | MANUAL, MAINT, XG-15P, 700/800 MHZ   |

*This page intentionally blank*

## P5500 PORTABLES

Band: UHF

Product Code: EX



**P5550**

**P5570**

The P5500 portables are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

**All P5500 orders must be placed through the Product Configurator. The following is for information only. Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.  | List Price \$ | Description                                       |
|---|------------|---------------|---|
| 1. Transceiver (All models below include the P25 Conventional Operational Mode Package) |            |               |   |
| <b>P5570 335-380 MHz</b>  |            |               |   |
| C   | EX55-PFU3B | 1,400.00      | PORTABLE, P5570, 335-380 MHZ, SYSTEM, Unencrypted |
| <b>P5550 335-380 MHz</b>  |            |               |   |
| C   | EX55-PBU3B | 1,300.00      | PORTABLE, P5550, 335-380 MHZ, SCAN, Unencrypted   |
| 2. Antenna (Select one)   |            |               |   |
| N   | EX-AN7B    | 25.00         | ANTENNA, 335-380 MHZ, HELICAL                     |
| N   | EX-AN7C    | 25.00         | ANTENNA, 335-380 MHZ, 1/4 WAVE                    |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**P5500 PORTABLES**

Band: UHF

Product Code: EX

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**3. Operational Mode Packages\***

|    |            |          |                                       |
|----|------------|----------|---------------------------------------|
| NB | MAEX-PKGPT | 750.00   | FEATURE PACKAGE, P25 TRUNKING         |
| NB | MAEX-PKGED | 750.00   | FEATURE PACKAGE, EDACS TRUNKING       |
| NB | EX-P25ED   | 1,200.00 | FEATURE PACKAGE, P25 TRUNKING & EDACS |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 512 systems/groups.**

**4. Encryption Options**

|    |            |        |  |
|----|------------|--------|--|
| N  | EX-PL4U    | 0.01   | FEATURE, SINGLE-KEY DES ENCRYPTION*  |
| N  | MAEX-NPL3V | 395.00 | FEATURE, 64B-DES Encryption for P25 and ProVoice   |
| N  | MAEX-NPL7M | 495.00 | FEATURE, 256B-AES Encryption for P25   |
| NB | MAEX-PKG8F | 595.00 | FEATURE, 256-AES, 64-DES ECP Encryption (Includes 256-B AES Encryption for P25 and 64-B DES Encryption for P25 & ProVoice) |

**\*Single-Key DES comes standard on digital operational modes; it is not available in EDACS.**

**5. Software Features****Software Options**

|   |            |        |  |
|---|------------|--------|--|
| N | EX-PL4E    | 240.00 | FEATURE, CONVENTIONAL VOTE SCAN  |
| N | MAEX-NPL6T | 19.50  | FEATURE, MDC-1200  |
| N | EX-SP2V    | 0.01   | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers. |

**ProVoice, EDACS, and P25 Software Options**

|   |            |        |  |
|---|------------|--------|--|
| N | MAEX-NPL7Z | 0.00   | FEATURE, 512 SYSTEMS/GROUPS*                     |
| N | MAEX-NPL5K | 265.00 | FEATURE, ProFile™ OVER-THE-AIR PROGRAMMING       |
| N | MAEX-NPL3R | 215.00 | FEATURE, MAXIMUM (1,024+) SYSTEMS/GROUPS         |
| N | MAEX-NPL7G | 110.00 | FEATURE, EDACS SECURITY KEY/P25 PERSONALITY LOCK |
| N | MAEX-NPL7N | 60.00  | FEATURE, RADIO TEXTLINK                          |
| N | MAEX-NPL3Y | 55.00  | FEATURE, STATUS MESSAGE                          |

**\*512 systems/groups is a standard feature**

**ProVoice and EDACS Software Options**

|   |            |        |  |
|---|------------|--------|--|
| N | EX-PRO     | 250.00 | FEATURE, PROVOICE (Must have Operational Mode Package containing EDACS for this upgrade) |
| N | MAEX-NPL3X | 220.00 | FEATURE, EDACS DATA  |

**P25 Software Options**

|   |            |        |   |
|---|------------|--------|---|
| N | EX-LLA     | 75.00  | FEATURE, LINK LAYER AUTHENTICATION        |
| N | EX55-NPL4F | 250.00 | FEATURE, P25 PHASE 2, TDMA                |
| N | MAEX-NPL7P | 215.00 | FEATURE, P25 DATA                         |
| N | MAEX-NPL5L | 495.00 | FEATURE, P25 OVER-THE-AIR-REKEYING (OTAR) |

## P5500 PORTABLES

Band: UHF

Product Code: EX

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C   | Model No.  | List Price \$ | Description  |
|---|------------|---------------|--|
| <b>6. Battery (Select one)</b>  |            |               |  |
| For best battery lifecycle quality, shipment of batteries near deployment is advised. For deployment schedules greater than 9 months, shipping batteries separately, at a later date, is recommended. Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Batteries that have been stored for longer than their warranty period (12 months) may become non-functional and will not be covered under the L3Harris battery warranty. |            |               |  |
| N   | EX-PA3R    | 135.00        | BATTERY, LI-ION, 3100 MAH  |
| N   | EX-PA4V    | 135.00        | BATTERY, LI-ION, 3100 MAH, ALT Compatible with the following chargers: EX-CH5X, EX-CH5Y, and EX-CH5A   |
| <b>Battery Enclosure (Optional)</b>   |            |               |  |
| N   | EX-PA3S    | 75.00         | BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use  |
| <b>7. Chargers</b>  |            |               |  |
| <b>Rapid Chargers</b>   |            |               |  |
| N   | EX-CH5X    | 150.00        | CHARGER, 1-BAY, TRI-CHEMISTRY  |
| N   | EX-CH5Y    | 825.00        | CHARGER, 6-BAY, TRI-CHEMISTRY  |
| N   | MAEX-AE4A  | 100.00        | WALL MOUNT KIT, CHARGER, 6-BAY, LI-ION/POLY  |
| <b>8. Audio Accessories</b>   |            |               |  |
| <b>Speaker Microphones</b>  |            |               |  |
| N   | MAEX-NAE9R | 575.00        | SPEAKER MIC, GPS Includes Rubber PTT Button, Emergency Button, and GPS only Antenna. For use with P25 and EDACS  |
| N   | EX-AE4K    | 350.00        | SPEAKER MIC, RUGGED, COILED, HIROSE PORT Includes Coiled Cord, Rubber PTT Button, Emergency Button, Hirose Accessory Jack, and Watertight Accessory Connector  |
| N   | EX-AE4C    | 285.00        | SPEAKER MIC, RUGGED, COILED, HI-VIS, FM Includes Yellow Rubber PTT Button, Emergency Button, Yellow Removable Grill, Accessory Jack, and Watertight Accessory Connector. Immersion Rated to 1 Meter. |
| N   | MAEX-NAE6C | 260.00        | SPEAKER MIC, RUGGED, COILED, FM Includes Rubber PTT Button, Emergency Button, Coiled Cord, and Watertight Accessory Connector. Immersion Rated to 1 Meter.   |

**P5500 PORTABLES**

Band: UHF

Product Code: EX

**Transceiver, Antenna, and Battery must be ordered for a complete operating radio package.**

| E/C                                  | Model No.  | List Price \$ | Description   |
|--------------------------------------|------------|---------------|---|
| <b>8. Audio Accessories (Cont'd)</b> |            |               |   |
| <b>Speaker Microphones (Cont'd)</b>  |            |               |   |
| N                                    | MAEX-AE6N  | 175.00        | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 30 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately) |
| N                                    | MAEX-AE6L  | 175.00        | SPEAKER MIC, STRAIGHT, 25.6 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately)              |
| N                                    | MAEX-AE6M  | 175.00        | SPEAKER MIC, PUBLIC SAFETY, STRAIGHT, 18 IN. Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Earphone Jack, and Antenna Port. (Order antenna separately) |
| N                                    | MAEX-NAE6A | 160.00        | SPEAKER MIC, COILED, FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, Coiled Cord, and Earphone Jack   |
| N                                    | MAEX-NAE9D | 175.00        | SPEAKER MIC, FM Includes Rubber PTT Button, Emergency Button, 2-Position Volume Control, and Earphone Jack  |
| N                                    | EX-AE1K    | 65.00         | EARPHONE, SPEAKER MIC, RIGHT ANGLE, 2.5MM Includes the Cable with 2.5 mm Plug, Transducer, Acoustic Tube, and Earpiece  |
| N                                    | MAEX-NAE3Z | 65.00         | EARPHONE, LAPEL MICROPHONE, FM For use with Speaker/Mics that have earphone jacks   |
| <b>9. Carrying Accessories</b>       |            |               |   |
| N                                    | EX-HC4A    | 60.00         | BELT LOOP, LEATHER, PREMIUM   |
| N                                    | MAEX-NHC7P | 20.00         | BELT CLIP, METAL  |
| <b>Cases</b>                         |            |               |   |
| N                                    | MAEX-NHC9S | 100.00        | CASE, STANDARD, LEATHER WITH SHOULDER STRAP KIT   |
| N                                    | MAEX-NHC9T | 60.00         | CASE, STANDARD, LEATHER WITH BELT LOOP & SWIVEL   |
| N                                    | MAEX-NHC9U | 45.00         | CASE, STANDARD, BLACK NYLON WITH BELT LOOP & SWIVEL   |
| N                                    | MAEX-NHC9V | 15.00         | STRAP, STANDARD, RETAINING, USE WITH SHOULDER STRAP   |

**P5500 PORTABLES**

Band: UHF  
 Product Code: EX

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>10. Miscellaneous</b>                    |               |               |  |
| <b>Battery Charger/Analyzer/Conditioner</b> |               |               |  |
| V   | CADEX-7400    | 4,100.00      | ANALYZER, BATTERY, CADEX, 4-BAY Requires sleeves below           |
| S   | AA-018695-001 | 220.00        | ADAPTER, SLEEVE FOR CADEX-7400 SYSTEM FOR<br>NICD/NIMH BATTERIES |
| <b>Adapters</b>                             |               |               |  |
| N   | EX-CJ1R       | 179.00        | ADAPTER, UDC, BLUETOOTH, P55/54/5300                             |
| N   | EX-CJ1N       | 199.00        | ADAPTER, UDC, GPS, P55/54/5300                                   |
| <b>Cables</b>                               |               |               |  |
| S   | CA-023407-001 | 265.43        | CABLE, PROGRAMMING   |
| S   | 14002-0143-01 | 388.44        | CABLE, PROGRAMMER ADAPTOR, KVL 3000+                             |
| N   | MAEX-NCJ2A    | 230.00        | CABLE, DATA INTERFACE  |
| <b>Warranty</b>                             |               |               |  |
| N   | EX-Y1EWP      | 60.00         | WARRANTY, EXTENDED 1 YR, PORTABLE                                |
| N   | EX-Y2EWP      | 110.00        | WARRANTY, EXTENDED 2 YR, PORTABLE                                |
| N   | EX-Y3EWP      | 160.00        | WARRANTY, EXTENDED 3 YR, PORTABLE                                |
| <b>Industry Canada</b>                      |               |               |  |
| N   | MAEX-NEC1A    | 5.00          | OPTION, INDUSTRY CANADA  |
| <b>Manuals</b>                              |               |               |  |
| V   | MM210EX       | 65.00         | MANUAL, MAINTENANCE, P5500, UHF                                  |

*This page intentionally blank*



## XL-200M MOBILES

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ



**XL-200M Mobile with XL-CH**

**XL-200M Desktop Cabinet**

The XL-200M mobiles are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-200M orders must be placed through the Product Configurator. The following is for information only.

| E/C   | Model No.      | List Price \$ | Description                             |
|---|----------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b>  |                |               |   |
| C   | XZ-MPM1M       | 4,275.00      | MOBILE, XL-200M, MULTIBAND              |
| C   | XZ-MPM1M-NA*   | 4,275.00      | MOBILE, XL-200M, MULTIBAND, LTE, NA     |
| C   | XZ-MPM1M-INTL* | 4,275.00      | MOBILE, XL-200M, MULTIBAND, LTE, INTL   |
| <b>*WARNING:</b> Effective February 15, 2022, all -NA or -INTL model radios MUST also have XZ-PL8T (LTE Operation feature bit) selected to provide LTE operation or any advanced Wi-Fi® operation (Wi-Fi Hotspot, DMF/Reach over Wi-Fi, or BeOn® over Wi-Fi). |                |               |   |
| N   | XZ-PL8T        | 2,195.00      | FEATURE, LTE                            |
| <b>Frequency Band Options (Select any combination of bands)</b>   |                |               |   |
| N   | XZ-PL4J        | 600.00        | FEATURE, VHF BAND                       |
| N   | XZ-PL4K        | 600.00        | FEATURE, UHF BAND                       |
| N   | XZ-PL4L        | 600.00        | FEATURE, 7/800 MHZ BAND                 |
| N   | XZ-PL9D        | 600.00        | FEATURE, 900 MHZ BAND                   |
| <b>2. Antennas</b>  |                |               |   |
| N   | XZ-AN9B        | 500.00        | ANTENNA, LTE-WIFI-GPS, LOW-PROFILE, BLK |
| N   | XZ-AN9C        | 500.00        | ANTENNA, LTE-WIFI-GPS, LOW-PROFILE, WHT |
| N   | XZ-AN7G        | 250.00        | ANTENNA, FLEX, HEAVY-DUTY               |
| N   | XZ-AN3H        | 75.00         | ANTENNA, ELEMENT, 700/800, 900, 3DB     |
| N   | XZ-AN8A        | 210.00        | ANTENNA, ELEMENT, FLEXIBLE, V/U/700/800 |
| N   | XZ-AN8D        | 100.00        | ANTENNA, ELEMENT, 700/800 3DB           |
| V   | AN-025137-009  | 200.00        | ANTENNA, YAGI, 900 MHZ, 10DB GAIN       |
| V   | AN-025137-010  | 435.00        | ANTENNA, 700/800 MHZ, 6.5DB GAIN, YAGI  |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**XL-200M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ

| E/C                                  | Model No.      | List Price \$ | Description   |
|--------------------------------------|----------------|---------------|---|
| <b>2. Antennas (Cont'd)</b>          |                |               |   |
| N                                    | XZ-AN8H        | 510.00        | ANTENNA, YAGI, 800 MHZ, 10DB GAIN   |
| N                                    | XZ-AN8J        | 729.00        | ANTENNA, YAGI, 700 MHZ, 10DB GAIN   |
| N                                    | XZ-AN8K        | 375.00        | ANTENNA, YAGI, UHF-H 470-512 MHZ, 9DB   |
| V                                    | AN-025137-005  | 230.00        | ANTENNA, YAGI, UHF-H 440-480 MHZ, 10DB GAIN   |
| V                                    | AN-025137-004  | 230.00        | ANTENNA, YAGI, UHF-L 406-440 MHZ, 9DB GAIN  |
| V                                    | AN-025137-003  | 230.00        | ANTENNA, YAGI, UHF-L 375-403MHZ, 10DB GAIN  |
| N                                    | XZ-AN3L        | 160.00        | ANTENNA, GPS, MAGNETIC MOUNT  |
| N                                    | XZ-AN5F        | 155.00        | ANTENNA, GPS, ROOF MOUNT  |
| N                                    | XZ-AN6U        | 80.00         | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS  |
| N                                    | XZ-AN6W        | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS  |
| N                                    | XZ-AN6Z        | 175.00        | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS GPS  |
| N                                    | XZ-AN6Y        | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS  |
| N                                    | XZ-AN7H        | 100.00        | MOUNT, NMO ANTENNA, MAGNETIC, HEAVY-DUTY  |
| <b>3. Operational Mode Packages*</b> |                |               |   |
| NB                                   | XZ-P25ED       | 2,500.00      | FEATURE PACKAGE, P25 & EDACS TRUNKING Includes Status Message   |
| NB                                   | XZ-PKGED       | 1,950.00      | FEATURE PACKAGE, EDACS TRUNKING Includes analog trunking, ProVoice™ digital trunking, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband and 900 MHz 9600 Narrowband for EDACS only. Does not support EDACS VHF/UHF |
| NB                                   | XZ-PKGPT       | 1,800.00      | FEATURE PACKAGE, P25 TRUNKING Includes Status Message   |
| N                                    | XZ-ICS         | 1,175.00      | FEATURE PACKAGE, ICS OPERATION Includes XL-LINK   |
| N                                    | XZ-ABR         | 0.01          | FEATURE PACKAGE, ABR An ABR license for Symphony™ is required to enable this option   |
| N                                    | XZ-LTE-NA-UG   | 2,195.00      | UPGRADE KIT, XL-200M, LTE, NA   |
| N                                    | XZ-LTE-INTL-UG | 2,195.00      | UPGRADE KIT, XL-200M, LTE, INTL   |
| NB                                   | XZ-PKG6D       | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation  |
| N                                    | XZ-PL6A        | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc subscription service and LTE modem for operation  |
| N                                    | XZ-PL6J        | 500.00        | FEATURE, MCPTT, GENERIC   |
| N                                    | BM-PKGCL-XL    | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi networks. A BeOn Server is required to enable this option  |

\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.

## XL-200M MOBILES

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>4. SIM Cards</b>   |           |               |   |
| N   | XZ-SV1V   | 12.00         | SIM CARD, VERIZON, BMS Removable Nano SIM that can be added through the product configurator  |
| N   | XZ-SV1T   | 12.00         | SIM CARD, AT&T COMMERCIAL, BMS Removable Nano SIM that can be added through the product configurator  |
| N   | XZ-SV1F   | 2.00          | SIM CARD, FIRSTNET BLACK (CARRIER) Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet. |
| VN  | XZ-SV3K   | 12.00         | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN  | XZ-SV1W   | 0.01          | SIM CARD, SOUTHERN LINC (CARRIER)   |
| <b>5. Device Management*</b>  |           |               |   |
| L   | RE-XL002  | 60.00         | DEVICE MGMT 1 YEAR SUBSCRIPTION   |
| L   | RE-XL003  | 99.00         | DEVICE MGMT 2 YEAR SUBSCRIPTION   |
| L   | RE-XL004  | 135.00        | DEVICE MGMT 3 YEAR SUBSCRIPTION   |
| L   | RE-XL005  | 175.00        | DEVICE MGMT 5 YEAR SUBSCRIPTION   |
| <b>*Mobile radios require Enterprise Wi-Fi or LTE to utilize Device Management.</b>   |           |               |   |
| <b>6. Encryption Options*</b>   |           |               |   |
| N   | XZ-PL4U   | 0.01          | FEATURE, XL200M SINGLE-KEY DES ENCRYPTION**   |
| N   | XZ-PL9E   | 0.01          | FEATURE, XL200M SINGLE-KEY AES ENCRYPTION**   |
| N   | XZ-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***   |
| N   | XZ-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice)  |
| *Ordering multi-key AES provides full P25 CAP compliance.   |           |               |   |
| **Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.               |           |               |   |
| ***Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator. |           |               |   |
| <b>7. Software Features</b>   |           |               |   |
| <b>Software Options</b>   |           |               |   |
| N   | XZ-PL9X   | 300.00        | FEATURE, ENTERPRISE WI-FI Enables EAP-TLS (Enterprise Wi-Fi) and 802.11r (fast access point roaming) functionality. The radio must have a CCM module installed to utilize this feature.   |
| N   | XZ-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N   | XZ-PL9U   | 140.00        | FEATURE, XL-LINK  |
| <b>*1024 systems/groups is a standard feature</b>   |           |               |   |
| <b>P25 Software Options</b>   |           |               |   |
| N   | XZ-PL5L   | 650.00        | FEATURE, OTAR   |
| N   | XZ-PL9L   | 695.00        | FEATURE, HIGH VELOCITY DATA TDMA  |

**XL-200M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ

| E/C                                  | Model No. | List Price \$ | Description   |
|--------------------------------------|-----------|---------------|---|
| <b>7. Software Features (Cont'd)</b> |           |               |   |
| <b>P25 Software Options (Cont'd)</b> |           |               |   |
| NB                                   | XZ-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes MDT and Radio TextLink   |
| N                                    | XZ-PL9N   | 375.00        | FEATURE, TDMA CC  |
| N                                    | XZ-PL5K   | 395.00        | FEATURE, P25 OTAP PROFILE   |
| N                                    | XZ-PL9K   | 350.00        | FEATURE, VIDA ID  |
| N                                    | XZ-PL4F   | 275.00        | FEATURE, PHASE 2 TDMA   |
| N                                    | XZ-PL6H   | 250.00        | FEATURE, DFSI RADIO OPERATION   |
| N                                    | XZ-PL8M   | 200.00        | FEATURE, EDATA  |
| N                                    | XZ-PL8N   | 330.00        | FEATURE, IN-BAND GPS  |
| N                                    | XZ-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N                                    | XZ-PL9G   | 300.00        | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB                                   | XZ-PKGMZ  | 195.00        | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |
| N                                    | XZ-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION  |
| N                                    | XZ-PL9M   | 125.00        | FEATURE, ADVANCED CTRL HEAD NETWORKING  |
| N                                    | XZ-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers.  |
| <b>8. Control Unit (Select one)</b>  |           |               |   |
| C                                    | XZ-CP6A   | 1,850.00      | CONTROL UNIT, XL-CH   |
| C                                    | XZ-CP6B   | 1,225.00      | CONTROL UNIT, XL-MOBILE, RHHC   |
| C                                    | XZ-CP6C   | 850.00        | CONTROL UNIT, XL-CH2  |
| N                                    | XZ-ZM6B   | 750.00        | KIT, INSTALLATION, XL-MOBILE RHHC   |
| <b>9. Microphone (Select one)</b>    |           |               |   |
| N                                    | XZ-MC6B   | 325.00        | MICROPHONE, XL-MOBILE, KEYPAD   |
| N                                    | XZ-MC6A   | 105.00        | MICROPHONE, XL, STANDARD MOBILE   |
| <b>10. Mounting Kit</b>              |           |               |   |
| N                                    | XZ-MA4A   | 495.00        | KIT, MOUNTING XL-MOBILE UNIVERSAL Front and Remote Mount  |
| N                                    | XZ-MA4B   | 153.00        | BRACKET, MOUNTING, VCH  |
| N                                    | XZ-MA4C   | 68.00         | BRACKET, MOUNTING, XL CONTROL HEAD  |
| N                                    | XZ-MA4D   | 50.00         | KIT, MOUNTING RAIL PLATE  |

**XL-200M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ

| E/C                                  | Model No. | List Price \$ | Description  |
|--------------------------------------|-----------|---------------|--|
| <b>11. Miscellaneous</b>             |           |               |  |
| <b>XL-200M Desktop</b>               |           |               |  |
| N                                    | XZ-CA6L   | 725.00        | CABINET, XL DESKTOP, 120V, NA Includes desktop cabinet and power supply. The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.  |
| N                                    | XZ-CA7A   | 725.00        | CABINET, XL DESKTOP, 230V, TYPE I, AUS Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type I power cord (for use in Australia). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.   |
| N                                    | XZ-CA7B   | 725.00        | CABINET, XL DESKTOP, 230V, TYPE F, INTL Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type F power cord (for international use). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately. |
| N                                    | XZ-CA6M   | 250.00        | CABLE, XL DESKTOP, ACCESSORY   |
| N                                    | XZ-AB2E   | 255.00        | FOOTSWITCH, XL-MOBILE, SINGLE  |
| N                                    | XZ-MC6C   | 245.00        | MICROPHONE, XL-MOBILE, DESKTOP   |
| N                                    | XZ-CA6R   | 175.00        | CABLE, POWER, Y-SPLIT, DESKTOP   |
| <b>Motorcycle Kit</b>                |           |               |  |
| N                                    | XZ-MA4E   | 1,100.00      | KIT, INSTALLATION, MOTORCYCLE, XL-200M   |
| <b>Additional Accessories</b>        |           |               |  |
| N                                    | XZ-LS6A   | 60.00         | SPEAKER, EXTERNAL, MOBILE Requires an accessory cable  |
| <b>Programming and Option Cables</b> |           |               |  |
| N                                    | XZ-CA6A   | 16.00         | CABLE, XL-MOBILE, ETHERNET, 45CM   |
| N                                    | XZ-CA6B   | 42.00         | CABLE, XL-MOBILE, ETHERNET, 9M   |
| N                                    | XZ-CA6E   | 175.00        | CABLE, XL-MOBILE, SPEAKER & USB  |
| N                                    | XZ-CA6F   | 120.00        | CABLE, XL-MOBILE, SPEAKER ACCY   |
| N                                    | XZ-CA6Z   | 250.00        | CABLE, XL-MOBILE, SPEAKER ACCY, 20 FEET  |
| N                                    | XZ-CA6G   | 110.00        | CABLE, XL-MOBILE, USB DATA   |
| N                                    | XZ-CA6H   | 195.00        | CABLE, XL-MOBILE, ACCESSORY  |
| N                                    | XZ-CJ3X   | 275.00        | CABLE, XL-MOBILE, KVL KEYLOADING   |
| N                                    | XZ-CJ3Y   | 300.00        | CABLE, XL-RHHC, KVL KEYLOADING Connects the XL mobile (with XL-RHHC) to the Motorola KVL devices   |
| N                                    | XZ-CA6P   | 235.00        | CABLE, XL-MOBILE, USB AND RS232  |
| N                                    | XZ-CA6W   | 200.00        | CABLE, SYMPHONY, BACKUP RADIO INTF, BASIC  |

**XL-200M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XZ

| E/C   | Model No.    | List Price \$ | Description  |
|---|--------------|---------------|--|
| <b>11. Miscellaneous (Cont'd)</b>               |              |               |  |
| <b>Programming and Option Cables (Cont'd)</b>   |              |               |  |
| N   | XZ-CA6T      | 225.00        | CABLE, POWER, Y-SPLIT, LONG                        |
| N   | XZ-CA6J      | 119.00        | CABLE, POWER, Y-FRONT MOUNT 1-FT                   |
| N   | XZ-CA6C      | 105.00        | CABLE, POWER, VCH                                  |
| N   | XZ-CA6D      | 87.00         | CABLE, POWER, XL-CH                                |
| V   | W95-0118-001 | 20.00         | CABLE, USB TYPE-A TO TYPE-C M/M                    |
| <b>Warranty*</b>                                |              |               |  |
| N   | XZ-Y1EWP     | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL200M           |
| N   | XZ-Y2EWP     | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL200M           |
| N   | XZ-Y3EWP     | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL200M           |
| <b>*Includes one year of Device Management.</b> |              |               |  |
| <b>Industry Canada</b>                          |              |               |  |
| N   | XZ-EC1A      | 20.00         | OPTION, INDUSTRY CANADA                            |
| <b>Manuals</b>                                  |              |               |  |
| V   | MM185XT      | 65.00         | MANUAL, MAINT, XL MOBILE For XL-185M and XL-200M   |
| V   | MM400XT      | 25.00         | MANUAL, INSTALL, XL MOBILE For XL-185M and XL-200M |

## XL-185M MOBILES

Band: VHF, UHF, 700/800, 900  
 Product Code: XT



**XL-185M Mobile with XL-CH**

**XL-185M Desktop Cabinet**

The XL-185M mobiles are multi-application radios that can operate on the following systems:

- ProVoice™
- P25 Trunking
- Conventional
- EDACS®
- P25 Conventional

**All XL-185M orders must be placed through the Product Configurator. The following is for information only.**

| E/C   | Model No.      | List Price \$ | Description                              |
|---|----------------|---------------|--|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b>  |                |               |  |
| C   | XT-MPS1M       | 3,815.00      | MOBILE, XL-185M, SINGLE BAND             |
| C   | XT-MPS1M-V     | 4,145.00      | MOBILE, HIGH PWR DATA RADIO, SINGLE BAND |
| C   | XT-MPS1M-NA*   | 3,815.00      | MOBILE, XL-185M, SINGLE BAND, LTE, NA    |
| C   | XT-MPS1M-INTL* | 3,815.00      | MOBILE, XL-185M, SINGLE BAND, LTE, INTL  |
| <b>*WARNING:</b> Effective February 15, 2022, all -NA or -INTL model radios MUST also have XT-PL8T (LTE Operation feature bit) selected to provide LTE operation or any advanced Wi-Fi® operation (Wi-Fi Hotspot, DMF/Reach over Wi-Fi, or BeOn® over Wi-Fi). |                |               |  |
| N   | XT-PL8T        | 2,195.00      | FEATURE, LTE                             |
| <b>Frequency Band Options (Only One Band May Be Selected)</b>   |                |               |  |
| N   | XT-PL4J        | 0.01          | FEATURE, VHF BAND                        |
| N   | XT-PL4K        | 0.01          | FEATURE, UHF BAND                        |
| N   | XT-PL4L        | 0.01          | FEATURE, 7/800 MHZ BAND                  |
| N   | XT-PL9D        | 0.01          | FEATURE, 900 MHZ BAND                    |
| <b>2. Antennas</b>  |                |               |  |
| N   | XT-AN9B        | 500.00        | ANTENNA, LTE-WIFI-GPS, LOW-PROFILE, BLK  |
| N   | XT-AN9C        | 500.00        | ANTENNA, LTE-WIFI-GPS, LOW-PROFILE, WHT  |
| N   | XT-AN8E        | 90.00         | ANTENNA, ELEMENT, 900, 3DB               |
| N   | XT-AN3H        | 75.00         | ANTENNA, ELEMENT, 700/800, 900, 3DB      |
| N   | XT-AN8A        | 210.00        | ANTENNA, ELEMENT, FLEXIBLE, V/U/700/800  |
| N   | XT-AN8D        | 100.00        | ANTENNA, ELEMENT, 700/800 3DB            |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-185M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XT

| E/C                                  | Model No.     | List Price \$ | Description   |
|--------------------------------------|---------------|---------------|---|
| <b>2. Antennas (Cont'd)</b>          |               |               |   |
| N                                    | XT-AN8R       | 90.00         | ANTENNA, ELEMENT, 3DB, VHF  |
| N                                    | XT-AN8S       | 140.00        | ANTENNA, ELEMENT, NGP, 2DB, VHF   |
| N                                    | XT-AN5G       | 140.00        | ANTENNA, ELEMENT, 1/4 ODB, VHF  |
| N                                    | XT-AN8B       | 110.00        | ANTENNA, ELEMENT, 1/4, ODB, UHF-L   |
| N                                    | XT-AN8T       | 110.00        | ANTENNA, ELEMENT, 1/4, ODB, UHF-H   |
| N                                    | XT-AN8C       | 65.00         | ANTENNA, ELEMENT, LOW PROF, ODB, UHF-H  |
| N                                    | XT-AN5F       | 155.00        | ANTENNA, GPS, ROOF MOUNT  |
| N                                    | XT-AN3L       | 160.00        | ANTENNA, GPS, MAGNETIC MOUNT  |
| N                                    | XT-AN8U       | 1,195.00      | ANTENNA, VHF, 136-174 MHZ, 6DB, LOG PERIODIC  |
| V                                    | AN-025137-009 | 200.00        | ANTENNA, YAGI, 900 MHZ, 10DB GAIN   |
| V                                    | AN-025137-010 | 435.00        | ANTENNA, 700/800 MHZ, 6.5DB GAIN, YAGI  |
| N                                    | XT-AN8H       | 510.00        | ANTENNA, YAGI, 800 MHZ, 10DB GAIN   |
| N                                    | XT-AN8J       | 729.00        | ANTENNA, YAGI, 700 MHZ, 10DB GAIN   |
| N                                    | XT-AN8K       | 375.00        | ANTENNA, YAGI, UHF-H 470-512 MHZ, 9DB   |
| V                                    | AN-025137-005 | 230.00        | ANTENNA, YAGI, UHF-H 440-480 MHZ, 10DB GAIN   |
| V                                    | AN-025137-004 | 230.00        | ANTENNA, YAGI, UHF-L 406-440 MHZ, 9DB GAIN  |
| V                                    | AN-025137-003 | 230.00        | ANTENNA, YAGI, UHF-L 375-403MHZ, 10DB GAIN  |
| N                                    | XT-AN6U       | 80.00         | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS  |
| N                                    | XT-AN6W       | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS  |
| N                                    | XT-AN6Y       | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS  |
| N                                    | XT-AN6Z       | 175.00        | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS GPS  |
| N                                    | XT-AN7H       | 100.00        | MOUNT, NMO ANTENNA, MAGNETIC, HEAVY-DUTY  |
| <b>3. Operational Mode Packages*</b> |               |               |   |
| NB                                   | XT-P25ED      | 2,500.00      | FEATURE PACKAGE, P25 & EDACS TRUNKING Includes Status Message   |
| NB                                   | XT-PKGED      | 1,950.00      | FEATURE PACKAGE, EDACS TRUNKING Includes analog trunking, ProVoice™ digital trunking, and Extended Addressing (EA). Supports 800 MHz 9600 Wideband and 900 MHz 9600 Narrowband for EDACS only. Does not support EDACS VHF/UHF |
| NB                                   | XT-PKGPT      | 1,800.00      | FEATURE PACKAGE, P25 TRUNKING Includes Status Message   |
| N                                    | XT-ICS        | 1,175.00      | FEATURE PACKAGE, ICS Includes XL-LINK   |
| N                                    | XT-ABR        | 0.01          | FEATURE PACKAGE, ABR An ABR license for Symphony™ is required to enable this option   |

\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.



**XL-185M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XT

| E/C   | Model No.      | List Price \$ | Description  |
|---|----------------|---------------|--|
| <b>3. Operational Mode Packages* (Cont'd)</b> |                |               |  |
| N   | XT-LTE-NA-UG   | 2,195.00      | UPGRADE KIT, XL-185M, LTE, NA  |
| N   | XT-LTE-INTL-UG | 2,195.00      | UPGRADE KIT, XL-185M, LTE, INTL  |
| NB  | XT-PKG6D       | 500.00        | FEATURE PACKAGE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation                                   |
| N   | XT-PL6A        | 500.00        | FEATURE, MCPTT, SOUTHERN LINC For MCPTT Client only. Requires Southern Linc subscription service and LTE modem for operation                                       |
| N   | XT-PL6J        | 500.00        | FEATURE, MCPTT, GENERIC  |
| N   | BM-PKGCL-XL    | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or Wi-Fi networks. A BeOn Server is required to enable this option |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.**

|                     |         |       |   |
|---------------------|---------|-------|---|
| <b>4. SIM Cards</b> |         |       |   |
| N                   | XT-SV1V | 12.00 | SIM CARD, VERIZON, BMS Removable Nano SIM that can be added through the product configurator  |
| N                   | XT-SV1T | 12.00 | SIM CARD, AT&T COMMERCIAL, BMS Removable Nano SIM that can be added through the product configurator  |
| N                   | XT-SV1F | 2.00  | SIM CARD, FIRSTNET BLACK (CARRIER) Removable Nano SIM that can be added through the product configurator. Broadband Managed Services is not an option for FirstNet services. Please contact your cognizant AT&T consultant to activate devices on FirstNet. |
| VN                  | XT-SV3K | 12.00 | SIM CARD, FIRSTNET WHITE, BMS, SILVER CHIP  |
| VN                  | XT-SV1W | 0.01  | SIM CARD, SOUTHERN LINC (CARRIER)   |

|                             |          |        |                                 |
|-----------------------------|----------|--------|---------------------------------|
| <b>5. Device Management</b> |          |        |                                 |
| L                           | RE-XL002 | 60.00  | DEVICE MGMT 1 YEAR SUBSCRIPTION |
| L                           | RE-XL003 | 99.00  | DEVICE MGMT 2 YEAR SUBSCRIPTION |
| L                           | RE-XL004 | 135.00 | DEVICE MGMT 3 YEAR SUBSCRIPTION |
| L                           | RE-XL005 | 175.00 | DEVICE MGMT 5 YEAR SUBSCRIPTION |

**\*Mobile radios require Enterprise Wi-Fi or LTE to utilize Device Management.**

**XL-185M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XT

| E/C                           | Model No. | List Price \$ | Description  |
|-------------------------------|-----------|---------------|--|
| <b>6. Encryption Options*</b> |           |               |  |
| N                             | XT-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION**   |
| N                             | XT-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**   |
| N                             | XT-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***  |
| N                             | XT-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ECP Encryption (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice) |

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator.

**7. Software Features****Software Options**

|   |         |        |   |
|---|---------|--------|---|
| N | XT-PL9X | 300.00 | FEATURE, ENTERPRISE WI-FI Enables EAP-TLS (Enterprise Wi-Fi) and 802.11r (fast access point roaming) functionality. The radio must have a CCM module installed to utilize this feature. |
| N | XT-PL4E | 275.00 | FEATURE, CONVENTIONAL VOTE SCAN   |
| N | XT-PL9U | 140.00 | FEATURE, XL-LINK  |

\*1024 systems/groups is a standard feature

**P25 Software Options**

|    |           |        |   |
|----|-----------|--------|---|
| N  | XT-PL5L   | 700.00 | FEATURE, OTAR   |
| N  | XT-PL9L   | 695.00 | FEATURE, HIGH VELOCITY DATA TDMA  |
| NB | XT-PKGPDP | 395.00 | FEATURE PACKAGE, P25 DATA Includes MDT and Radio TextLink   |
| N  | XT-PL9N   | 375.00 | FEATURE, TDMA CC  |
| N  | XT-PL5K   | 395.00 | FEATURE, P25 OTAP PROFILE   |
| N  | XT-PL9K   | 350.00 | FEATURE, VIDA ID  |
| N  | XT-PL4F   | 275.00 | FEATURE, PHASE 2 TDMA   |
| N  | XT-PL6H   | 250.00 | FEATURE, DFSI RADIO OPERATION   |
| N  | XT-PL8N   | 330.00 | FEATURE, IN-BAND GPS  |
| N  | XT-PL9F   | 300.00 | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems   |
| N  | XT-PL9G   | 300.00 | FEATURE, 5000 ALIASES When feature is enabled, users can write all 5000 configured aliases to the radio without incident. When feature is not enabled, users will only be able to use the I-Call list of 255 entries maximum                |
| NB | XT-PKGMZ  | 195.00 | FEATURE, MAX ZONE CAPACITY Enhances radio flexibility with expanded zone capacity from 50 to 250 with setup capacity of up to 1250 configurable zone channels, optimizing communication efficiency to meet diverse operational requirements |

**XL-185M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XT

| E/C                                  | Model No. | List Price \$ | Description  |
|--------------------------------------|-----------|---------------|--|
| <b>7. Software Features (Cont'd)</b> |           |               |  |
| N                                    | XT-PL8M   | 200.00        | FEATURE, EDATA   |
| N                                    | XT-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION   |
| N                                    | XT-PL9M   | 125.00        | FEATURE, ADVANCED CTRL HEAD NETWORKING   |
| N                                    | XT-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers.   |
| <b>8. Control Unit (Select one)</b>  |           |               |  |
| C                                    | XT-CP6A   | 1,850.00      | CONTROL UNIT, XL-CH  |
| C                                    | XT-CP6B   | 1,225.00      | XL-MOBILE, RHHC  |
| C                                    | XT-CP6C   | 850.00        | CONTROL UNIT, XL-CH2   |
| N                                    | XT-ZM6B   | 750.00        | KIT, INSTALLATION, XL-MOBILE RHHC  |
| <b>9. Microphone (Select one)</b>    |           |               |  |
| N                                    | XT-MC6B   | 325.00        | MICROPHONE, XL-MOBILE, KEYPAD  |
| N                                    | XT-MC6A   | 105.00        | MICROPHONE, XL, STANDARD MOBILE  |
| <b>10. Mounting Kit</b>              |           |               |  |
| N                                    | XT-MA4A   | 495.00        | KIT, MOUNTING XL-MOBILE UNIVERSAL (Front and Remote Mount) Includes VCH mounting bracket, XL control head mounting bracket, VCH power cable, XL-CH power cable, and XL mobile ethernet cables (45 cm and 9 m)  |
| N                                    | XT-MA4B   | 153.00        | BRACKET, MOUNTING, VCH   |
| N                                    | XT-MA4C   | 68.00         | BRACKET, MOUNTING, XL CONTROL HEAD   |
| N                                    | XT-MA4D   | 50.00         | KIT, MOUNTING RAIL PLATE   |
| <b>11. Miscellaneous</b>             |           |               |  |
| <b>XL-185M Desktop</b>               |           |               |  |
| N                                    | XT-CA6L   | 725.00        | CABINET, XL DESKTOP, 120V, NA Includes desktop cabinet and power supply. The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.  |
| N                                    | XT-CA7A   | 725.00        | CABINET, XL DESKTOP, 230V, TYPE I, AUS Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type I power cord (for use in Australia). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.   |
| N                                    | XT-CA7B   | 725.00        | CABINET, XL DESKTOP, 230V, TYPE F, INTL Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type F power cord (for international use). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately. |
| N                                    | XT-CA6M   | 250.00        | CABLE, XL DESKTOP, ACCESSORY   |
| N                                    | XT-AB2E   | 255.00        | FOOTSWITCH, XL-MOBILE, SINGLE  |

**XL-185M MOBILES**

Band: VHF, UHF, 700/800, 900  
 Product Code: XT

| E/C   | Model No.    | List Price \$ | Description  |
|---|--------------|---------------|--|
| <b>11. Miscellaneous (Cont'd)</b>               |              |               |  |
| <b>XL-185M Desktop (Cont'd)</b>                 |              |               |  |
| N   | XT-MC6C      | 245.00        | MICROPHONE, XL-MOBILE, DESKTOP   |
| N   | XT-CA6R      | 175.00        | CABLE, POWER, Y-SPLIT, DESKTOP   |
| <b>Motorcycle Kit</b>                           |              |               |  |
| N   | XT-MA4E      | 1,100.00      | KIT, INSTALLATION, MOTORCYCLE, XL-185M   |
| <b>Additional Accessories</b>                   |              |               |  |
| N   | XT-LS6A      | 60.00         | SPEAKER, EXTERNAL, MOBILE  |
| <b>Programming and Option Cables</b>            |              |               |  |
| N   | XT-CA6A      | 16.00         | CABLE, XL-MOBILE, ETHERNET, 45CM   |
| N   | XT-CA6B      | 42.00         | CABLE, XL-MOBILE, ETHERNET, 9M   |
| N   | XT-CA6E      | 175.00        | CABLE, XL-MOBILE, SPEAKER & USB  |
| N   | XT-CA6F      | 120.00        | CABLE, XL-MOBILE, SPEAKER ACCY   |
| N   | XT-CA6Z      | 250.00        | CABLE, XL-MOBILE, SPEAKER ACCY, 20 FEET  |
| N   | XT-CA6G      | 110.00        | CABLE, XL-MOBILE, USB DATA   |
| N   | XT-CA6H      | 195.00        | CABLE, XL-MOBILE, ACCESSORY  |
| N   | XT-CJ3X      | 275.00        | CABLE, XL-MOBILE, KVL KEYLOADING   |
| N   | XT-CJ3Y      | 300.00        | CABLE, XL-RHHC, KVL KEYLOADING Connects the XL mobile (with XL-RHHC) to the Motorola KVL devices |
| N   | XT-CA6P      | 235.00        | CABLE, XL-MOBILE, USB AND RS232  |
| N   | XT-CA6W      | 200.00        | CABLE, SYMPHONY, BACKUP RADIO INTF, BASIC  |
| N   | XT-CA6T      | 225.00        | CABLE, POWER, Y-SPLIT, LONG  |
| N   | XT-CA6J      | 119.00        | CABLE, POWER, Y-FRONT MOUNT 1-FT   |
| N   | XT-CA6C      | 105.00        | CABLE, POWER, VCH  |
| N   | XT-CA6D      | 87.00         | CABLE, POWER, XL-CH  |
| V   | W95-0118-001 | 20.00         | CABLE, USB TYPE-A TO TYPE-C M/M  |
| <b>Warranty*</b>                                |              |               |  |
| N   | XT-Y1EWP     | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL185M   |
| N   | XT-Y2EWP     | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL185M   |
| N   | XT-Y3EWP     | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL185M   |
| <b>*Includes one year of Device Management.</b> |              |               |  |
| <b>Industry Canada</b>                          |              |               |  |
| N   | XT-EC1A      | 20.00         | OPTION, INDUSTRY CANADA  |
| <b>Manuals</b>                                  |              |               |  |
| V   | MM185XT      | 65.00         | MANUAL, MAINT, XL MOBILE For XL-185M and XL-200M   |
| V   | MM400XT      | 25.00         | MANUAL, INSTALL, XL MOBILE For XL-185M and XL-200M   |

## XL-85M MOBILES

Band: 700/800  
 Product Code: XQ



### XL-85M Mobile with XL-CH2

The XL-85M mobiles are multi-application radios that can operate on the following systems:

- ProVoice™
- EDACS®
- P25 Trunking
- P25 Conventional
- Conventional

All XL-200M orders must be placed through the Product Configurator. The following is for information only.

| E/C  | Model No. | List Price \$ | Description                                |
|--|-----------|---------------|--|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |           |               |  |
| C  | XQ-M78B   | 2,500.00      | MOBILE, XL-85M, 700/800 MHZ                |
| <b>Frequency Band Options</b>  |           |               |  |
| N  | XQ-PL4L   | 0.01          | FEATURE, SINGLE BAND, 7/800                |
| <b>2. Antennas</b>   |           |               |  |
| N  | XQ-AN3H   | 75.00         | ANTENNA, ELEMENT, 700/800, 900, 3DB        |
| N  | XQ-AN8D   | 100.00        | ANTENNA, ELEMENT, 700/800 3DB              |
| N  | XQ-AN3L   | 160.00        | ANTENNA, GPS, MAGNETIC MOUNT               |
| N  | XQ-AN5F   | 155.00        | ANTENNA, GPS, ROOF MOUNT                   |
| N  | XQ-AN6U   | 80.00         | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS     |
| N  | XQ-AN6W   | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS   |
| N  | XQ-AN6Z   | 175.00        | ANTENNA, BASE, STD ROOF MOUNT LOW LOSS GPS |
| N  | XQ-AN6Y   | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS     |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XL-85M MOBILES**

Band: 700/800  
 Product Code: XQ

| E/C   | Model No. | List Price \$ | Description   |
|---|-----------|---------------|---|
| <b>3. Operational Mode Packages*</b>  |           |               |   |
| B   | XQ-PKGPT  | 1,200.00      | FEATURE PACKAGE, P25 TRUNKING Includes Status Message   |
| *All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.                      |           |               |   |
| <b>4. GPS Option</b>  |           |               |   |
| N   | XQ-MK5H   | 600.00        | KIT, XL-85M, GPS  |
| <b>5. Encryption Options*</b>   |           |               |   |
| N   | XQ-PL4U   | 0.01          | FEATURE, SINGLE-KEY DES ENCRYPTION**  |
| N   | XQ-PL9E   | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**  |
| N   | XQ-PL8Y   | 0.01          | FEATURE, ENCRYPTION LITE***   |
| N   | XQ-PKG8F  | 785.00        | FEATURE, 256-AES, 64-DES ENCRYPTION (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice)  |
| *Ordering multi-key AES provides full P25 CAP compliance.   |           |               |   |
| **Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.               |           |               |   |
| ***Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator. |           |               |   |
| <b>6. Software Features</b>   |           |               |   |
| <b>Software Options</b>   |           |               |   |
| N   | XQ-PL9F   | 300.00        | FEATURE, P25C FALLBACK/MS FAILSOFT Required for Motorola customers using P25C Failsoft on a Motorola System. This feature is not needed for L3Harris-only systems |
| N   | XQ-PL4E   | 275.00        | FEATURE, CONVENTIONAL VOTE SCAN   |
| N   | XQ-PL9U   | 140.00        | FEATURE, XL-LINK  |
| N   | XQ-PL6T   | 20.00         | FEATURE, MDC-1200   |
| *1024 systems/groups is a standard feature  |           |               |   |
| <b>P25 Software Options</b>   |           |               |   |
| N   | XQ-PL5L   | 700.00        | FEATURE, OTAR   |
| NB  | XQ-PKGPD  | 395.00        | FEATURE PACKAGE, P25 DATA Includes MDT and Radio TextLink   |
| N   | XQ-PL5K   | 395.00        | FEATURE, P25 OTAP PROFILE   |
| N   | XQ-PL4F   | 275.00        | FEATURE, PHASE 2 TDMA   |
| N   | XQ-PL6H   | 250.00        | FEATURE, DFSI RADIO OPERATION   |

## XL-85M MOBILES

Band: 700/800  
 Product Code: XQ

| E/C                                  | Model No. | List Price \$ | Description                             |
|--------------------------------------|-----------|---------------|---|
| <b>6. Software Features (Cont'd)</b> |           |               |   |
| <b>P25 Software Options (Cont'd)</b> |           |               |   |
| N                                    | XQ-PL8M   | 195.00        | FEATURE, EDATA                          |
| N                                    | XQ-PL8N   | 330.00        | FEATURE, IN-BAND GPS                    |
| N                                    | XQ-LLA    | 140.00        | FEATURE, LINK LAYER AUTHENTICATION      |
| <b>7. Control Unit (Select one)</b>  |           |               |   |
| C                                    | XQ-CP6C   | 850.00        | CONTROL UNIT, XL-CH2                    |
| N                                    | XQ-ZM2Z   | 750.00        | KIT, CONVERSION, XL-85M, REMOTE CTRL HD |
| C                                    | XQ-CP6B   | 1,225.00      | CONTROL UNIT, XL-MOBILE, RHHC           |
| N                                    | XQ-ZM6B   | 750.00        | KIT, INSTALLATION, XL-MOBILE RHHC       |
| <b>8. Microphone (Select one)</b>    |           |               |   |
| N                                    | XQ-MC6B   | 325.00        | MICROPHONE, XL-MOBILE, KEYPAD           |
| N                                    | XQ-MC6A   | 105.00        | MICROPHONE, XL, STANDARD MOBILE         |
| <b>9. Mounting Kit</b>               |           |               |   |
| N                                    | XQ-MA4F   | 250.00        | KIT, MOUNTING XL-85 MOBILE UNIVERSAL    |
| N                                    | XQ-MA4B   | 153.00        | BRACKET, MOUNTING, VCH                  |
| N                                    | XQ-MA4C   | 68.00         | BRACKET, MOUNTING, XL CONTROL HEAD      |

**XL-85M MOBILES**

Band: 700/800  
 Product Code: XQ

| E/C                                  | Model No.    | List Price \$ | Description  |
|--------------------------------------|--------------|---------------|--|
| <b>10. Miscellaneous</b>             |              |               |  |
| <b>XL-85M Desktop</b>                |              |               |  |
| N                                    | XQ-CA6L      | 725.00        | CABINET, XL DESKTOP, 120V, NA Includes desktop cabinet and power supply. The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.  |
| N                                    | XQ-CA7A      | 725.00        | CABINET, XL DESKTOP, 230V, TYPE I, AUS Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type I power cord (for use in Australia). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately.   |
| N                                    | XQ-CA7B      | 725.00        | CABINET, XL DESKTOP, 230V, TYPE F, INTL Includes desktop cabinet, international 230 VAC power supply, and 6-foot Type F power cord (for international use). The radio, control head, control head mounting bracket, cables, and accessories are all sold separately. |
| N                                    | XQ-CA6M      | 250.00        | CABLE, XL DESKTOP, ACCESSORY   |
| N                                    | XQ-AB2E      | 255.00        | FOOTSWITCH, XL-MOBILE, SINGLE  |
| N                                    | XQ-MC6C      | 245.00        | MICROPHONE, XL-MOBILE, DESKTOP   |
| N                                    | XQ-CA6R      | 175.00        | CABLE, POWER, Y-SPLIT, DESKTOP   |
| <b>Additional Accessories</b>        |              |               |  |
| N                                    | XQ-LS6A      | 60.00         | SPEAKER, EXTERNAL, MOBILE Requires an accessory cable  |
| <b>Programming and Option Cables</b> |              |               |  |
| N                                    | XQ-CA6B      | 42.00         | CABLE, XL-MOBILE, ETHERNET, 9M   |
| N                                    | XQ-CA6E      | 175.00        | CABLE, XL-MOBILE, SPEAKER & USB  |
| N                                    | XQ-CA6F      | 120.00        | CABLE, XL-MOBILE, SPEAKER ACCY   |
| N                                    | XQ-CA6Z      | 250.00        | CABLE, XL-MOBILE, SPEAKER ACCY, 20 FEET  |
| N                                    | XQ-CA6G      | 110.00        | CABLE, XL-MOBILE, USB DATA   |
| N                                    | XQ-CA6H      | 195.00        | CABLE, XL-MOBILE, ACCESSORY  |
| N                                    | XQ-CJ3X      | 275.00        | CABLE, XL-MOBILE, KVL KEYLOADING   |
| N                                    | XQ-CJ3Y      | 300.00        | CABLE, XL-RHHC, KVL KEYLOADING Connects the XL mobile (with XL-RHHC) to the Motorola KVL devices   |
| N                                    | XQ-CA6P      | 235.00        | CABLE, XL-MOBILE, USB AND RS232  |
| N                                    | XQ-CA6W      | 200.00        | CABLE, SYMPHONY, BACKUP RADIO INTF, BASIC  |
| N                                    | XQ-CA6C      | 105.00        | CABLE, POWER, VCH  |
| N                                    | XQ-CA6D      | 87.00         | CABLE, POWER, XL-CH  |
| V                                    | W95-0118-001 | 20.00         | CABLE, USB TYPE-A TO TYPE-C M/M  |



**XL-85M MOBILES**

Band: 700/800  
 Product Code: XQ

| E/C                               | Model No. | List Price \$ | Description                             |
|-----------------------------------|-----------|---------------|---|
| <b>10. Miscellaneous (Cont'd)</b> |           |               |   |
| <b>Warranty</b>                   |           |               |   |
| N                                 | XQ-Y1EWP  | 150.00        | SERVICE ASSIST, EXT WARRANTY 1YR, XL85M |
| N                                 | XQ-Y2EWP  | 225.00        | SERVICE ASSIST, EXT WARRANTY 2YR, XL85M |
| N                                 | XQ-Y3EWP  | 275.00        | SERVICE ASSIST, EXT WARRANTY 3YR, XL85M |
| <b>Industry Canada</b>            |           |               |   |
| N                                 | XQ-EC1A   | 20.00         | OPTION, INDUSTRY CANADA                 |
| <b>Manuals</b>                    |           |               |   |
| N                                 | MM400XQ   | 25.00         | MANUAL, INSTALL, XL-85M                 |

*This page intentionally blank*

## XG-75M/M7300 MOBILES

Band: 700/800, VHF, UHF  
 Product Code: MW



Mobile with CH-721 Scan



Mobile with CH-721 System

The XG-75M/M7300 mobiles are multi-mode radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- ProVoice™
- P25 Conventional
- Conventional

All XG-75M/M7300 orders must be placed through the Product Configurator. The following is for information only.

| E/C  | Model No.     | List Price \$ | Description   |
|--|---------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |               |               |   |
| C  | MAMW-SDMXX    | 2,510.00      | MOBILE, XG-75M/M7300, 764-870 MHZ, HALF DPLX, Unencrypted |
| C  | MAMW-SNMXX    | 2,510.00      | MOBILE, XG-75M/M7300, 378-430 MHZ, 50W                    |
| C  | MAMW-MU3B     | 2,510.00      | MOBILE, XG-75M/M7300, 330-380 MHZ, 40W                    |
| <b>2. Vehicular Repeaters</b>  |               |               |   |
| C  | MAMW-V780B    | 6,710.00      | VRS7030 P25 VEHICULAR REPEATER, 700/800 MHZ               |
| C  | MAMW-V800B    | 6,710.00      | VRS7020 P25 VEHICULAR REPEATER, 800 MHZ                   |
| C  | MAMW-VDLXX    | 6,740.00      | VRS7010 P25 VEHICULAR REPEATER, 700 MHZ                   |
| N  | MAMW-NFL1A    | 1,995.00      | FILTER, 800 MHZ (VRM)                                     |
| N  | MAMW-FL1C     | 1,995.00      | FILTER, VRM, 700 MHZ                                      |
| <b>3. Antennas</b>   |               |               |   |
| S  | AN-125001-001 | 40.00         | ANTENNA, BASE, STANDARD ROOF MOUNT                        |
| S  | AN-125001-002 | 80.00         | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS               |
| S  | AN-125001-006 | 175.00        | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS GPS           |
| S  | AN-125001-003 | 45.00         | ANTENNA, BASE, THICK ROOF MOUNT                           |

For keyloader, see section 9.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XG-75M/M7300 MOBILES**

Band: 700/800, VHF, UHF

Product Code: MW

| E/C                                  | Model No.     | List Price \$ | Description                                   |
|--------------------------------------|---------------|---------------|---|
| <b>3. Antennas (Cont'd)</b>          |               |               |   |
| S                                    | AN-125001-004 | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS      |
| S                                    | AN-125001-007 | 70.00         | ANTENNA, BASE, MAGNETIC ROOF MOUNT            |
| S                                    | AN-125001-008 | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS        |
| S                                    | AN-025137-008 | 510.00        | ANTENNA, YAGI, 800 MHZ, 10 dB GAIN            |
| V                                    | AN-025137-010 | 435.00        | ANTENNA, 700/800 MHZ YAGI, 6.5 dB             |
| N                                    | MAMW-NAN3L    | 160.00        | ANTENNA, GPS, MAGNETIC MOUNT                  |
| N                                    | MAMW-NAN5F    | 155.00        | ANTENNA, GPS, ROOF MOUNT                      |
| S                                    | AN-225001-003 | 170.00        | ANTENNA, ELEMENT, 700/800 3dB ELEV FD NGP     |
| S                                    | AN-225001-001 | 90.00         | ANTENNA, ELEMENT, 700/800 3dB                 |
| S                                    | AN-225001-005 | 90.00         | ANTENNA, ELEMENT, 700/800 5dB                 |
| S                                    | AN-225001-004 | 60.00         | ANTENNA, ELEMENT, 700/800 2dB LOW PROFILE     |
| S                                    | AN-225003-001 | 110.00        | ANTENNA, ELEMENT, 1/4, 0dB, UHF-L             |
| S                                    | AN-225004-001 | 110.00        | ANTENNA, ELEMENT, 1/4, 0dB, UHF-H             |
| S                                    | AN-225004-004 | 65.00         | ANTENNA, ELEMENT, LOW PROFILE, 0dB, UHF-H     |
| S                                    | AN-225002-001 | 140.00        | ANTENNA, ELEMENT, 1/4 0 dB, VHF               |
| S                                    | AN-225002-003 | 90.00         | ANTENNA, ELEMENT, 3 dB, VHF                   |
| S                                    | AN-225002-004 | 140.00        | ANTENNA, ELEMENT, NGP, 2 dB, VHF              |
| S                                    | AN-025137-011 | 1,195.00      | ANTENNA, VHF, 136-174 MHZ, 6 dB, LOG PERIODIC |
| S                                    | AN-225006-001 | 40.00         | ANTENNA, ELEMENT, 136-941 MHZ                 |
| <b>4. GPS Option</b>                 |               |               |   |
| N                                    | MAMW-NMK5F    | 575.00        | GLOBAL POSITIONING SYSTEM (GPS)               |
| N                                    | MAMW-NCL8B    | 190.00        | CABLE, OPTIONS                                |
| <b>5. Operational Mode Packages*</b> |               |               |   |
| NB                                   | MAMW-PKGPT    | 1,200.00      | FEATURE PACKAGE, P25 TRUNKING                 |
| NB                                   | MAMW-PKGED    | 1,200.00      | FEATURE PACKAGE, EDACS TRUNKING               |
| NB                                   | MW-P25ED      | 1,750.00      | FEATURE PACKAGE, P25 TRUNKING & EDACS         |

**\*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.**

## XG-75M/M7300 MOBILES

Band: 700/800, VHF, UHF  
 Product Code: MW

| E/C                           | Model No.  | List Price \$ | Description  |
|-------------------------------|------------|---------------|--|
| <b>6. Encryption Options*</b> |            |               |  |
| N                             | MW-PL4U    | 0.01          | FEATURE, SINGLE-KEY-DES ENCRYPTION**   |
| N                             | MW-PL9E    | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**   |
| N                             | MW-PL8Y    | 0.01          | FEATURE, ENCRYPTION LITE***  |
| NB                            | MAMW-PKG8F | 650.00        | FEATURE, 256-AES, 64-DES ECP Encryption (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice) |
| N                             | MAMW-NPL3V | 425.00        | FEATURE, 64B-DES Encryption for P25 Trunking and ProVoice  |
| N                             | MAMW-NPL7M | 525.00        | FEATURE, 256B-AES Encryption for P25 and ProVoice  |

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator.

### Option for AES Encrypted Radios

|    |            |      |                                     |
|----|------------|------|-------------------------------------|
| NB | MAMW-PKGFP | 1.00 | FEATURE, FIPS-140-2, OPERATION SL 1 |
|----|------------|------|-------------------------------------|

### 7. Software Features

#### Software Options

|   |            |        |  |
|---|------------|--------|--|
| N | MW-PL4E    | 250.00 | FEATURE, CONVENTIONAL VOTE SCAN  |
| N | MAMW-NPL7K | 120.00 | FEATURE, DIRECT FREQUENCY ENTRY  |
| N | MAMW-NPL6T | 20.00  | FEATURE, MDC-1200  |
| N | MW-SP2V    | 0.01   | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers. |

#### ProVoice, EDACS, and P25 Software Options

|   |            |        |  |
|---|------------|--------|--|
| N | MAMW-NPL3R | 0.01   | FEATURE, MAXIMUM (1,024+) SYSTEMS/GROUPS*            |
| N | MAMW-NPL5K | 300.00 | FEATURE, PROFILE™ OVER-THE-AIR PROGRAMMING           |
| N | MAMW-NPL7G | 120.00 | FEATURE, EDACS SECURITY KEY AND P25 PERSONALITY LOCK |
| N | MAMW-NPL7N | 65.00  | FEATURE, RADIO TEXTLINK                              |
| N | MAMW-NPL3Y | 60.00  | FEATURE, STATUS MESSAGE                              |
| N | MW-PL4W    | 75.00  | FEATURE, CONTROL AND STATUS SERVICES                 |

\*1024 systems/groups is a standard feature

**XG-75M/M7300 MOBILES**

Band: 700/800, VHF, UHF  
 Product Code: MW

| E/C   | Model No.  | List Price \$ | Description  |
|---|------------|---------------|--|
| <b>7. Software Features (Cont'd)</b>  |            |               |  |
| <b>ProVoice and EDACS Software Options</b>  |            |               |  |
| N   | MW-PRO     | 275.00        | FEATURE, PROVOICE (Must have Operational Mode Package containing EDACS for this upgrade) |
| N   | MAMW-NPL3X | 225.00        | FEATURE, EDACS DATA  |
| <b>P25 Software Options</b>   |            |               |  |
| N   | MAMW-NPL5L | 525.00        | FEATURE, P25 OVER-THE-AIR REKEYING (OTAR)  |
| N   | MW-PL4F    | 250.00        | FEATURE PACKAGE, P25 PHASE 2, TDMA   |
| N   | MAMW-NPL7P | 225.00        | FEATURE, P25 DATA  |
| N   | MW-PL8M    | 195.00        | FEATURE, EDATA   |
| N   | MW-PL8N    | 175.00        | FEATURE, IN-BAND GPS   |
| N   | MW-LLA     | 100.00        | FEATURE, LINK LAYER AUTHENTICATION   |
| <b>8. Control Unit (Select one)</b>   |            |               |  |
| N   | MAMW-NCP9G | 750.00        | CONTROL UNIT, CH-721, SCAN, FRONT MOUNT  |
| N   | MAMW-NCP9H | 865.00        | CONTROL UNIT, CH-721, SYSTEM, FRONT MOUNT  |
| N   | MAMW-NCP9E | 785.00        | CONTROL UNIT, CH-721, SCAN, REMOTE MOUNT   |
| N   | MAMW-NCP9F | 900.00        | CONTROL UNIT, CH-721, SYSTEM, REMOTE MOUNT   |
| N   | MAMW-NZN7C | 1,220.00      | CONTROL UNIT, 2-6, CH-721 SCAN WITH INSTALLATION HARDWARE                                |
| N   | MAMW-NZN7D | 1,330.00      | CONTROL UNIT, 2-6, CH-721 SYSTEM WITH INSTALLATION HARDWARE                              |
| N   | MAMW-NCP9P | 900.00        | CONTROL UNIT, HHC-731, XG-75M/M7300  |
| N   | MAMW-NZN9G | 472.78        | KIT, HHC-731, INSTALLATION ACCESSORIES   |
| N   | MAMW-ZN9W  | 586.58        | KIT, ACC, HHC-731, HIGH POWER  |
| <b>Dual Control Units (Order Microphone Separately)</b>   |            |               |  |
| Order complete transceiver, first control unit, and accessories. Then order dual control options to provide a second control head, accessory cable, speaker, mounting bracket and hardware. |            |               |  |
| N   | MAMW-NZN7C | 1,220.00      | CONTROL UNIT, DUAL CONTROL, 2-6, CH-721, SCAN WITH INSTALLATION HARDWARE                 |
| N   | MAMW-NZN7D | 1,330.00      | CONTROL UNIT, DUAL CONTROL, 2-6, CH-721, SYSTEM WITH INSTALLATION HARDWARE               |

**XG-75M/M7300 MOBILES**

Band: 700/800, VHF, UHF

Product Code: MW

| E/C  | Model No.        | List Price \$ | Description  |
|--|------------------|---------------|--|
| <b>9. Microphone (Select one)</b>  |                  |               |  |
| N  | MW-MC9T          | 225.00        | MICROPHONE, STD, CH-721, ANGLED CONNECTOR  |
| N  | MAMW-ZN9F        | 195.00        | MICROPHONE, DESKTOP  |
| N  | MAMW-NMC7Z       | 165.00        | MICROPHONE, STD, STRAIGHT CONNECTOR  |
| N  | MAMW-NMC9D       | 160.00        | MICROPHONE, NOISE CANCELLING, CH-721 CONTROL UNIT  |
| <b>Dual Control Unit Microphone (Select one)</b>   |                  |               |  |
| N  | MAMW-NMC7Z       | 165.00        | MICROPHONE, STD, STRAIGHT CONNECTOR  |
| N  | MAMW-NMC9D       | 160.00        | MICROPHONE, NOISE CANCELLING, CH-721 CONTROL UNIT  |
| <b>10. Mounting/Cabling Kit</b>  |                  |               |  |
| N  | MAMW-NZN7R       | 360.00        | ACCESSORIES, XG-75M/M7300 REMOTE MOUNT, For 50W and below  |
| N  | MAMW-NZN6W       | 274.50        | ACCESSORIES, XG-75M/M7300 FRONT MOUNT, For 50W and below   |
| N  | MAMW-ZN9Q        | 433.21        | ACCESSORIES, XG-75M/M7300, HIGH POWER, REM 60W and above   |
| N  | MAMW-ZN9P        | 760.00        | KIT, INSTALLATION, VRS, 60W and above VRM, Includes accessories and mounting kit for the complete VRS package. |
| N  | MAMW-NZN8X       | 720.00        | KIT, INSTALLATION, VRS, 50W and below VRM, Includes accessories and mounting kit for the complete VRS package. |
| N  | MW-ZN2E          | 720.00        | KIT, INSTALLATION, VRS, W/CH-721 VRS Includes accessories and mounting kit for the complete VRS package        |
| NOTE: Mounting/Cabling Kit includes Power Cable, External Speaker, Mounting Bracket(s), Mic Hanger, and Radio Control Cable. |                  |               |  |
| <b>11. Miscellaneous</b>   |                  |               |  |
| <b>Motorcycle Kit</b>  |                  |               |  |
| N  | MAMW-NZN7X       | 1,995.00      | KIT, MOTORCYCLE W/ ACC CABLE, VHF/UHF  |
| N  | MAMW-NZN7Y       | 1,950.00      | KIT, MOTORCYCLE W/O ACC CABLE, VHF/UHF   |
| N  | MAMW-NZN9H       | 1,995.00      | KIT, MOTORCYCLE W/ACC CABLE, 700/800   |
| N  | MAMW-NZN9J       | 1,950.00      | KIT, MOTORCYCLE W/O ACC CABLE, 700/800   |
| V  | LE-OM806HDBKTNCD | 300.00        | ANTENNA, 800 MHZ, BLACK BASE, STRD COAX For motorcycle applications  |
| <b>Programming and Option Cables</b>   |                  |               |  |
| N  | MAMW-NCL8B       | 190.00        | CABLE, OPTIONS   |
| N  | MW-CL8E          | 120.00        | CABLE, Y CAN, BLACK, 10 IN   |
| N  | MAMW-NCL8T       | 115.00        | CABLE, SERIAL DATA, 20 FT  |
| N  | MAMW-NCL8C       | 90.00         | CABLE, CH-721 OPTION CABLE   |
| N  | MAMW-NCL7R       | 90.00         | CABLE, SERIAL PROGRAMMING, CH-721  |
| N  | MATQ-NCL8U       | 180.00        | CABLE, PROGRAMMING, CH-721 FRONT CONNECTOR   |
| N  | MAMW-NCL9L       | 90.00         | CABLE, SERIAL PROGRAMMING, HHC-731   |
| N  | MW-CJ3D          | 350.00        | CABLE, KVL KEY LOADING (CH-721/HHC-731)  |

**XG-75M/M7300 MOBILES**

Band: 700/800, VHF, UHF  
 Product Code: MW

| E/C                               | Model No.     | List Price \$ | Description   |
|-----------------------------------|---------------|---------------|---|
| <b>11. Miscellaneous (Cont'd)</b> |               |               |   |
| <b>Additional Accessories</b>     |               |               |   |
| S                                 | KT-013492-002 | 325.00        | KEYCAP KIT, SCAN, LARGE, ARROW KIT, 50 PK           |
| S                                 | KT-013492-001 | 140.00        | KEYCAP KIT, SYSTEM, BLANK WHITE, CH-721, 50 PK      |
| S                                 | KT-013492-003 | 170.00        | KEYCAP KIT, SYSTEM, OPTIONAL                        |
| S                                 | FM-013327     | 120.00        | KEYCAP KIT, SYSTEM                                  |
| S                                 | FM-013332     | 125.00        | KEYCAP KIT, SCAN, CH-721                            |
| <b>Warranty</b>                   |               |               |   |
| N                                 | MW-Y1EWM      | 80.00         | WARRANTY, EXTENDED 1 YR, MOBILE                     |
| N                                 | MW-Y2EWM      | 130.00        | WARRANTY, EXTENDED 2 YR, MOBILE                     |
| N                                 | MW-Y3EWM      | 180.00        | WARRANTY, EXTENDED 3 YR, MOBILE                     |
| N                                 | MW-Y1XWR      | 300.00        | WARRANTY, EXTENDED 1 YR, REPEATER                   |
| N                                 | MW-Y2XWR      | 350.00        | WARRANTY, EXTENDED 2 YR, REPEATER                   |
| N                                 | MW-Y3XWR      | 400.00        | WARRANTY, EXTENDED 3 YR, REPEATER                   |
| <b>Industry Canada</b>            |               |               |   |
| N                                 | MAMW-NEC1A    | 20.00         | OPTION, INDUSTRY CANADA                             |
| <b>Manuals</b>                    |               |               |   |
| V                                 | MAMM-780MW    | 65.00         | MANUAL, MAINT, XG-75M/M7300, M5300 (700/800)        |
| V                                 | MM450MW       | 65.00         | MANUAL, MAINT, XG-75M/M7300, UHF                    |
| V                                 | MM150MW       | 65.00         | MANUAL, MAINT, XG-75M/M7300, 136-174 MHZ, 110W      |
| V                                 | MAMM-100MW    | 65.00         | MANUAL, MAINT, XG-75M/M7300, 136-174 MHZ, 50W       |
| V                                 | MM400MW       | 25.00         | MANUAL, INSTALL, XG-75M/M7300                       |
| V                                 | MAMM-785MW    | 65.00         | MANUAL, MAINTENANCE, VRS7010 P25 VEHICULAR REPEATER |



## XG-25M MOBILE

Band: VHF, UHF, 700/800  
 Product Code: DM



**XG-25M with Scan**

The XG-25M portables are multi-mode radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

All XG-25M orders must be placed through the Product Configurator. The following is for information only.

| E/C  | Model No.     | List Price \$ | Description                                     |
|--|---------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |               |               |   |
| C  | DM-M78B       | 2,290.00      | MOBILE, XG-25M, 700/800 MHZ, 35W                |
| C  | DM-MU1B       | 2,290.00      | MOBILE, XG-25M, 378-470 MHZ, 50W                |
| C  | DM-MV1B       | 2,290.00      | MOBILE, XG-25M, 136-174 MHZ, 50W                |
| <b>2. Antennas</b>   |               |               |   |
| S  | AN-125001-001 | 40.00         | ANTENNA, BASE, STANDARD ROOF MOUNT              |
| S  | AN-125001-002 | 80.00         | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS     |
| S  | AN-125001-003 | 45.00         | ANTENNA, BASE, THICK ROOF MOUNT                 |
| S  | AN-125001-004 | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS        |
| S  | AN-125001-005 | 135.15        | ANTENNA, BASE, STANDARD ROOF MNT GPS            |
| S  | AN-125001-006 | 175.00        | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS GPS |
| S  | AN-125001-007 | 70.00         | ANTENNA, BASE, MAGNETIC ROOF MOUNT              |
| S  | AN-125001-008 | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS          |
| S  | AN-225001-001 | 90.00         | ANTENNA, ELEMENT, 700/800 3DB                   |
| S  | AN-225001-003 | 170.00        | ANTENNA, ELEMENT, 700/800 3 DB ELEV FD NGP      |
| S  | AN-225001-004 | 60.00         | ANTENNA, ELEMENT, 700/800 2 DB LOW PROFILE      |
| S  | AN-225001-005 | 90.00         | ANTENNA, ELEMENT, 700/800 5 DB                  |
| S  | AN-225003-004 | 85.00         | ANTENNA, ELEMENT, LOW PROFILE, 0 DB, UHF-L      |
| S  | AN-225004-004 | 65.00         | ANTENNA, ELEMENT, LOW PROFILE, 0 DB, UHF-H      |
| S  | AN-225003-001 | 110.00        | ANTENNA, ELEMENT, 1/4, 0 DB, UHF-L              |
| S  | AN-225004-001 | 110.00        | ANTENNA, ELEMENT, 1/4, 0 DB, UHF-H              |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**XG-25M MOBILE**

Band: VHF, UHF, 700/800  
 Product Code: DM

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>2. Antennas (Cont'd)</b>   |               |               |  |
| S   | AN-225002-001 | 140.00        | ANTENNA, ELEMENT, 1/4, 0 DB, VHF   |
| S   | AN-225002-003 | 90.00         | ANTENNA, ELEMENT, 3 DB, VHF  |
| S   | AN-225002-004 | 140.00        | ANTENNA, ELEMENT, NGP, 2 DB, VHF   |
| S   | AN-225006-001 | 40.00         | ANTENNA ELEMENT, 136-941 MHZ   |
| S   | AN-025187-001 | 155.00        | ANTENNA, GPS, ROOF MOUNT   |
| <b>3. Operational Mode Packages*</b>  |               |               |  |
| NB  | DM-PKGPT      | 825.00        | FEATURE PACKAGE, P25 TRUNKING  |
| NB  | DM-PKGED      | 825.00        | FEATURE PACKAGE, EDACS TRUNKING  |
| NB  | DM-P25ED      | 1,325.00      | FEATURE PACKAGE, P25 TRUNKING & EDACS  |
| *All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 512 systems/groups. |               |               |  |
| <b>4. GPS Option</b>  |               |               |  |
| N   | DM-MK5F       | 550.00        | GPS KIT, XG-25M  |
| N   | DM-CL2X       | 141.48        | CABLE, OPTION, XG-25M  |
| <b>5. Encryption Options*</b>   |               |               |  |
| N   | DM-PL4U       | 0.01          | FEATURE, SINGLE-KEY-DES ENCRYPTION**   |
| N   | DM-PL9E       | 0.01          | FEATURE, SINGLE-KEY AES ENCRYPTION**   |
| N   | DM-PL8Y       | 0.01          | FEATURE, ENCRYPTION LITE***  |
| N   | DM-PKG8F      | 650.00        | FEATURE, 256-AES, 64-DES ECP ENCRYPTION (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice) |
| N   | DM-PL7M       | 525.00        | FEATURE, 256-AES, ECP ENCRYPTION for P25 and ProVoice  |
| N   | DM-PL3V       | 425.00        | FEATURE, 64B-DES ENCRYPTION P25 Trunking and ProVoice  |

\*Ordering multi-key AES provides full P25 CAP compliance.

\*\*Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation.

\*\*\*Encryption Lite is standard on digital operational modes and is not available for EDACS. Encryption Lite must be selected in the Product Configurator.

**XG-25M MOBILE**

Band: VHF, UHF, 700/800  
 Product Code: DM

| E/C  | Model No. | List Price \$ | Description  |
|--|-----------|---------------|--|
| <b>6. Software Features</b>                      |           |               |  |
| <b>Software Options</b>                          |           |               |  |
| N  | DM-PL4E   | 250.00        | FEATURE, CONVENTIONAL VOTE SCAN  |
| N  | DM-PL4N   | 110.00        | FEATURE, BLUETOOTH OPERATION   |
| N  | DM-PL6T   | 20.00         | FEATURE, MDC-1200  |
| N  | DM-SP2V   | 0.01          | FEATURE, FEDERAL/INTERNATIONAL STANDARD This feature can only be configured for customers that are NOT FCC regulated such as Federal (NTIA) and International customers. |
| <b>ProVoice, EDACS, and P25 Software Options</b> |           |               |  |
| N  | DM-PL7Z   | 0.01          | FEATURE, 512 SYSTEMS/GROUPS*   |
| N  | DM-PL3R   | 225.00        | FEATURE, 1024+ SYSTEMS/GROUPS  |
| N  | DM-PL5K   | 300.00        | FEATURE, ProFile™ OVER-THE-AIR PROGRAMMING   |
| N  | DM-PL7P   | 225.00        | FEATURE, DATA OPERATION  |
| <b>*512 systems/groups is a standard feature</b> |           |               |  |
| <b>ProVoice and EDACS Software Options</b>       |           |               |  |
| N  | DM-PL7G   | 120.00        | FEATURE, ESK/P25 PERSONALITY LOCK  |
| N  | DM-PL7N   | 65.00         | FEATURE, RADIO TEXTLINK  |
| N  | DM-PL3Y   | 60.00         | FEATURE, STATUS MESSAGE  |
| N  | DM-PL4W   | 75.00         | FEATURE, CONTROL AND STATUS SERVICES   |
| N  | DM-PRO    | 275.00        | FEATURE, PROVOICE (Must have Operational Mode Package containing EDACS for this upgrade)   |
| N  | DM-PL3X   | 225.00        | FEATURE, EDACS DATA  |
| <b>P25 Software Options</b>                      |           |               |  |
| N  | DM-PL5L   | 525.00        | FEATURE, P25 OVER-THE-AIR REKEYING   |
| N  | DM-PL4F   | 250.00        | FEATURE, P25 PHASE 2, TDMA   |
| N  | DM-PL8M   | 195.00        | FEATURE, EDATA   |
| N  | DM-PL8N   | 175.00        | FEATURE, IN-BAND GPS   |
| N  | DM-LLA    | 100.00        | FEATURE, LINK LAYER AUTHENTICATION   |
| <b>7. Control Unit</b>                           |           |               |  |
| N  | DM-ZN9Z   | 710.00        | KIT, CONVERSION, CH-25 REM CTRL HD, 30 FT  |
| <b>8. Microphone (Select one)</b>                |           |               |  |
| N  | DM-MC9U   | 295.00        | MICROPHONE, DESKTOP, XG-25M  |
| N  | DM-MC9V   | 225.00        | MIC, NOISE CANCELING WITH LTW CONNECTOR  |
| N  | DM-MC9R   | 80.94         | MICROPHONE, STANDARD, XG-25M   |
| <b>9. Mounting/Cabling Kit</b>                   |           |               |  |
| N  | DM-ZN9X   | 195.00        | KIT, ACCESSORIES, XG-25M   |

**XG-25M MOBILE**

Band: VHF, UHF, 700/800  
 Product Code: DM

| E/C                                  | Model No. | List Price \$ | Description                              |
|--------------------------------------|-----------|---------------|--|
| <b>10. Miscellaneous</b>             |           |               |  |
| <b>Additional Accessories</b>        |           |               |  |
| N                                    | DM-MN1D   | 27.00         | SPEAKER, MOBILE, 4 OHM                   |
| <b>Programming and Option Cables</b> |           |               |  |
| N                                    | DM-CL2X   | 285.00        | CABLE, OPTION, XG-25M                    |
| N                                    | DM-CL2Y   | 90.00         | CABLE, PROGRAMMING, XG-25M               |
| N                                    | DM-CJ3D   | 350.00        | CABLE, KVL KEY LOADING (CH-721/HHC-731)  |
| <b>Warranty</b>                      |           |               |  |
| N                                    | DM-Y1EWM  | 80.00         | WARRANTY, EXTENDED 1 YR, MOBILE          |
| N                                    | DM-Y2EWM  | 130.00        | WARRANTY, EXTENDED 2 YR, MOBILE          |
| N                                    | DM-Y3EWM  | 180.00        | WARRANTY, EXTENDED 3 YR, MOBILE          |
| <b>Industry Canada</b>               |           |               |  |
| N                                    | DM-EC1A   | 20.00         | OPTION, INDUSTRY CANADA                  |
| <b>Manuals</b>                       |           |               |  |
| V                                    | MM100DM   | 65.00         | MANUAL, MAINTENANCE, XG-25M, VHF         |
| V                                    | MM450DM   | 65.00         | MANUAL, MAINT, XG-25M, UHF               |
| V                                    | MM780DM   | 65.00         | MANUAL, MAINTENANCE, XG-25M, 700/800 MHZ |
| V                                    | MM400DM   | 25.00         | MANUAL, INSTALLATION, XG-25M             |

## M5300 MOBILES

Band: 800

Product Code: HK



**M5300 with CH-721 Scan**



**M5300 with CH-721 System**

The M5300 mobiles are multi-mode radios that can operate on the following systems:

- EDACS®
- P25 Trunking
- Conventional
- ProVoice™
- P25 Conventional

**All M5300 orders must be placed through the Product Configurator. The following is for information only.**

| E/C  | Model No.     | List Price \$ | Description                                     |
|--|---------------|---------------|---|
| <b>1. Transceiver (All models below include the P25 Conventional Operational Mode Package)</b> |               |               |   |
| <b>M5300 800 MHz</b>   |               |               |   |
| C  | MAHK-S8MEX    | 2,375.00      | MOBILE, 800 MHZ, EDACS UTILITY                  |
| <b>2. Antennas</b>   |               |               |   |
| S  | AN-125001-001 | 40.00         | ANTENNA, BASE, STANDARD ROOF MOUNT              |
| S  | AN-125001-002 | 80.00         | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS     |
| S  | AN-125001-006 | 175.00        | ANTENNA, BASE, STANDARD ROOF MOUNT LOW LOSS GPS |
| S  | AN-125001-003 | 45.00         | ANTENNA, BASE, THICK ROOF MOUNT                 |
| S  | AN-125001-004 | 85.00         | ANTENNA, BASE, THICK ROOF MOUNT LOW LOSS        |
| S  | AN-125001-007 | 70.00         | ANTENNA, BASE, MAGNETIC ROOF MOUNT              |
| S  | AN-125001-008 | 90.00         | ANTENNA, BASE, MAGNETIC MOUNT LOW LOSS          |
| S  | AN-025137-008 | 510.00        | ANTENNA, YAGI, 800 MHZ, 10 dB GAIN              |
| N  | MAHK-NAN3L    | 160.00        | ANTENNA, GPS MAGNET MOUNT                       |
| N  | MAHK-NAN5F    | 155.00        | ANTENNA, GPS, ROOF MOUNT                        |
| S  | AN-225001-001 | 90.00         | ANTENNA, ELEMENT, 700/800 3dB                   |
| S  | AN-225001-003 | 170.00        | ANTENNA, ELEMENT, 700/800 3dB ELEV FD NGP       |
| S  | AN-225001-004 | 60.00         | ANTENNA, ELEMENT, 700/800 2dB LOW PROFILE       |
| S  | AN-225001-005 | 90.00         | ANTENNA, ELEMENT, 700/800 5dB                   |

**For keyloader, see section 9.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**M5300 MOBILES**

Band: 800

Product Code: HK

| E/C  | Model No.     | List Price \$ | Description  |
|--|---------------|---------------|--|
| <b>2. Antennas (Cont'd)</b>  |               |               |  |
| S  | AN-225005-001 | 90.00         | ANTENNA, ELEMENT, 900, 3dB   |
| S  | AN-225005-002 | 195.00        | ANTENNA, ELEMENT, 900, 3dB, EF   |
| S  | AN-225005-003 | 195.00        | ANTENNA, ELEMENT, 900, NGP, 3dB, EF  |
| S  | AN-225005-004 | 60.00         | ANTENNA, ELEMENT, 900, LOW PROFILE, 3dB  |
| <b>3. GPS Options</b>  |               |               |  |
| N  | MAHK-NMK5F    | 525.00        | GLOBAL POSITIONING SYSTEM (GPS)  |
| N  | MAHK-NCL8B    | 195.00        | CABLE, OPTIONS   |
| <b>4. Operational Mode Packages</b>  |               |               |  |
| NB   | MAHK-PKUPT    | 750.00        | FEATURE, UPGRADE TO P25 TRUNKING (Includes Analog Conventional operation, For 800 MHz only)  |
| <b>5. Encryption Options</b>   |               |               |  |
| N  | HK-PL4U       | 0.01          | FEATURE, SINGLE-KEY-DES ENCRYPTION* Included with MAHK-PKUPV, MAHK-PKUPT, and MAHK-PKUPC only  |
| N  | HK-PL9E       | 0.01          | FEATURE SINGLE-KEY AES ENCRYPTION*   |
| NB   | MAHK-PKG8F    | 595.00        | FEATURE, 256-AES, 64-DES ECP Encryption (Includes 256-B AES Encryption and 64-B DES Encryption for P25 & ProVoice, For 800 MHz only) |
| N  | MAHK-NPL3V    | 395.00        | FEATURE, 64B-DES Encryption for P25 and ProVoice   |
| N  | MAHK-NPL7M    | 495.00        | FEATURE, 256B-AES Encryption for P25 and ProVoice  |
| *Single-Key DES and Single-Key AES are available for P25 Conventional and P25 Trunked operation. Neither is available for EDACS operation. |               |               |  |
| <b>6. Software Features</b>  |               |               |  |
| <b>Software Options</b>  |               |               |  |
| N  | HK-PL4E       | 240.00        | FEATURE, CONVENTIONAL VOTE SCAN  |
| N  | MAHK-NPL7K    | 110.00        | FEATURE, DIRECT FREQUENCY ENTRY  |
| N  | MAHK-NPL6T    | 19.50         | FEATURE, MDC-1200  |

## M5300 MOBILES

Band: 800

Product Code: HK

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

### 6. Software Features (Cont'd)

#### ProVoice, EDACS, and P25 Software Options

|    |            |        |   |
|----|------------|--------|---|
| N  | MAHK-NPL7Z | 0.00   | FEATURE, 512 SYSTEMS/GROUPS*  |
| N  | HK-PL4W    | 50.00  | FEATURE, CONTROL AND STATUS SERVICES  |
| NB | MAHK-PKUPV | 250.00 | FEATURE, UPGRADE TO ProVoice (Must have Operational Mode Package containing EDACS for this upgrade) |

**\*512 systems/groups is a standard feature**

#### EDACS Software Options

|   |            |        |  |
|---|------------|--------|--|
| N | MAHK-NPL5K | 265.00 | FEATURE, ProFile™ OVER-THE-AIR PROGRAMMING |
| N | MAHK-NPL3R | 215.00 | FEATURE, MAXIMUM (1,204+) SYSTEMS/GROUPS   |
| N | MAHK-NPL3X | 215.00 | FEATURE, EDACS DATA                        |
| N | MAHK-NPL7G | 110.00 | FEATURE, EDACS SECURITY KEY                |
| N | MAHK-NPL7N | 60.00  | FEATURE, RADIO TEXTLINK                    |
| N | MAHK-NPL3Y | 55.00  | FEATURE, STATUS MESSAGE                    |

#### P25 Software Options

|   |            |        |   |
|---|------------|--------|---|
| N | HK-PL5L    | 495.00 | FEATURE, P25 OVER-THE-AIR-REKEYING (OTAR) |
| N | HK-PL4F    | 250.00 | FEATURE PACKAGE, P25 PHASE 2, TDMA        |
| N | MAHK-NPL7P | 215.00 | FEATURE, P25 DATA (For 800 MHz only)      |
| N | HK-PL8M    | 195.00 | FEATURE, EDATA                            |
| N | HK-PL8N    | 150.00 | FEATURE, IN-BAND GPS                      |
| N | HK-LLA     | 75.00  | FEATURE, LINK LAYER AUTHENTICATION        |

### 7. Control Unit (Select one)

|   |            |        |  |
|---|------------|--------|--|
| N | MAHK-NCP9G | 685.00 | CONTROL UNIT, CH-721, SCAN, FRONT MOUNT    |
| N | MAHK-NCP9H | 790.00 | CONTROL UNIT, CH-721, SYSTEM, FRONT MOUNT  |
| N | MAHK-NCP9E | 720.00 | CONTROL UNIT, CH-721 SCAN, REMOTE MOUNT    |
| N | MAHK-NCP9F | 825.00 | CONTROL UNIT, CH-721, SYSTEM, REMOTE MOUNT |
| N | MAHK-NCP9P | 900.00 | CONTROL UNIT, HHC-731                      |
| N | MAHK-NZN9G | 472.78 | KIT, HHC-731, INSTALLATION ACCESSORIES     |

#### Dual Control Units (Order Microphone Separately)

Order complete transceiver, first control unit, and accessories. Then order dual control options to provide a second control head, accessory cable, speaker, mounting bracket and hardware.

|   |            |          |  |
|---|------------|----------|--|
| N | MAHK-NZN7C | 1,115.00 | CONTROL UNIT, DUAL CONTROL, 2-6, CH-721, SCAN WITH INSTALLATION HARDWARE   |
| N | MAHK-NZN7D | 1,220.00 | CONTROL UNIT, DUAL CONTROL, 2-6, CH-721, SYSTEM WITH INSTALLATION HARDWARE |

**M5300 MOBILES**

Band: 800

Product Code: HK

| E/C  | Model No.        | List Price \$ | Description   |
|--|------------------|---------------|---|
| <b>8. Microphone (Select one)</b>  |                  |               |   |
| N  | MAHK-NMC9C       | 330.00        | MICROPHONE, DTMF, CH-721 CONTROL UNIT                               |
| N  | MAHK-ZN9F        | 195.00        | MICROPHONE, DESKTOP   |
| N  | MAHK-NMC7Z       | 165.00        | MICROPHONE, STANDARD, CH-721 CONTROL UNIT                           |
| N  | MAHK-NMC9D       | 160.00        | MICROPHONE, NOISE CANCELING, CH-721 CONTROL UNIT                    |
| <b>Dual Control Unit Microphone (Select one)</b>   |                  |               |   |
| N  | MAHK-NMC7Z       | 165.00        | MICROPHONE, STANDARD, CH-721 CONTROL UNIT                           |
| N  | MAHK-NMC9D       | 160.00        | MICROPHONE, NOISE CANCELLING, CH-721 CONTROL UNIT                   |
| <b>9. Mounting/Cabling Kit</b>   |                  |               |   |
| N  | MAHK-NZN7R       | 360.00        | ACCESSORIES, M5300 REMOTE MOUNT                                     |
| N  | MAHK-NZN6W       | 274.50        | ACCESSORIES, M5300 FRONT MOUNT                                      |
| NOTE: Mounting/Cabling Kit includes Power Cable, External Speaker, Mounting Bracket(s), Mic Hanger, and Radio Control Cable. |                  |               |   |
| <b>10. Miscellaneous</b>   |                  |               |   |
| <b>Motorcycle Kit</b>  |                  |               |   |
| N  | MAHK-NZN9H       | 1,995.00      | KIT, MOTORCYCLE W/ACC CABLE, 800/900                                |
| N  | MAHK-NZN9J       | 1,950.00      | KIT, MOTORCYCLE W/O ACC CABLE, 800/900                              |
| V  | LE-OM806HDBKTNCD | 300.00        | ANTENNA, 800 MHZ, BLACK BASE, STRD COAX For motorcycle applications |
| <b>Cables</b>  |                  |               |   |
| N  | MAHK-NCL8B       | 195.00        | CABLE, OPTIONS  |
| N  | MAHK-NCL8T       | 185.00        | CABLE, SERIAL DATA, 20 FT   |
| N  | MAHK-NCL8C       | 90.00         | CABLE, CH-721 OPTION CABLE  |
| N  | MAHK-NCL7R       | 90.00         | CABLE, SERIAL PROGRAMMING, M5300                                    |
| N  | MATQ-NCL8U       | 180.00        | CABLE, PROGRAMMING, CH-721 FRONT CONNECTOR                          |
| N  | MAHK-NCL9L       | 90.00         | CABLE, SERIAL PROGRAMMING, HHC-731                                  |
| <b>Additional Accessories</b>  |                  |               |   |
| S  | KT-013492-002    | 325.00        | KEYCAP KIT, SCAN, LARGE, ARROW KIT, 50 PK                           |
| S  | KT-013492-001    | 140.00        | KEYCAP KIT, SYSTEM, BLANK WHITE, CH-721, 50 PK                      |
| S  | KT-013492-003    | 170.00        | KEYCAP KIT, SYSTEM, OPTIONAL  |
| S  | FM-013327        | 120.00        | KEYCAP KIT, SYSTEM  |
| S  | FM-013332        | 125.00        | KEYCAP KIT, SCAN, CH721   |



**M5300 MOBILES**

Band: 800

Product Code: HK

| E/C                               | Model No.  | List Price \$ | Description                                  |
|-----------------------------------|------------|---------------|--|
| <b>10. Miscellaneous (Cont'd)</b> |            |               |  |
| <b>Warranty</b>                   |            |               |  |
| N                                 | HK-Y1EWM   | 80.00         | WARRANTY, EXTENDED 1 YR, MOBILE              |
| N                                 | HK-Y2EWM   | 130.00        | WARRANTY, EXTENDED 2 YR, MOBILE              |
| N                                 | HK-Y3EWM   | 180.00        | WARRANTY, EXTENDED 3 YR, MOBILE              |
| <b>Industry Canada</b>            |            |               |  |
| N                                 | MAHK-NEC1A | 5.00          | OPTION, INDUSTRY CANADA                      |
| <b>Manuals</b>                    |            |               |  |
| V                                 | MAMM-780MW | 65.00         | MANUAL, MAINT, XG-75M/M7300, M5300 (700/800) |
| V                                 | MAMM-900HK | 65.00         | MANUAL, MAINT, M5300, 900 MHZ                |
| V                                 | MM400HK    | 25.00         | MANUAL, INSTALL, M5300                       |

*This page intentionally blank*

## CS7000 CONTROL STATION

Product Code: MW, HK



### Standard Features

- P25 Trunking and Conventional
- EDACS® Operation
- Unity® XG-100M Full-Spectrum Multiband
- XG-75M/M7300 Dual-Band 700/800 MHz with 35W Output Power
- M5300 at 800 MHz or 900 MHz with 35W Output Power
- Half-Duplex Voice and Data
- Software Configurable
- Over-the-Air Programming
- TIA/EIA-232 Serial Interface or USB
- Supports up to 5 CAN Peripheral

### Optional Features

- Desktop Control Unit

## CS7000 CONTROL STATION

Product Code: MW, HK

All CS7000 orders must be placed through the Product Configurator. The following is for information only.

CS7000 model numbers require a Unity XG-100M, XG-75M/M7300, or M5300 mobile to complete the configuration for control station operation. The CS7000 is presented in the Product Configurator as an installation option for the model and feature set of the radio being ordered.

| E/C | Model No.  | List Price \$ | Description   |
|-----|------------|---------------|---|
| N   | XMZN8L     | 5,675.00      | CONTROL STATION, CS7000, LOCAL/REMOTE CONTROL, UNITY XG-100M* |
| N   | XMZN8K     | 3,240.00      | CONTROL STATION, CS7000, LOCAL CONTROL, UNITY XG-100M*        |
| N   | MAMW-NZN8L | 5,675.00      | CONTROL STATION, CS7000, LOCAL/REMOTE CONTROL, M7300*         |
| N   | MAMW-NZN8K | 3,240.00      | CONTROL STATION, CS7000, LOCAL CONTROL, M7300                 |
| N   | MAHK-NZN8L | 5,675.00      | CONTROL STATION, CS7000, LOCAL/REMOTE CONTROL, M5300          |
| N   | MAHK-NZN8K | 3,240.00      | CONTROL STATION, CS7000, LOCAL CONTROL, M5300*                |

\*For CS7000 Local/Remote Control, a remote CH-721 control unit can be used for additional remote control functionality. The CS7000 does not support DDC-100 operation. Refer to the Conventional Tone Remote Controller pages herein for information on the tone remote controller and its options.

### Control Units

|   |           |          |   |
|---|-----------|----------|---|
| N | MAMW-ZN9B | 2,140.00 | CONTROL UNIT, SP721, DESKTOP CONTROLLER |
|---|-----------|----------|---|

### Microphone (Select one)

|   |            |        |   |
|---|------------|--------|---|
| N | MAHK-NMC7Z | 165.00 | MICROPHONE, STANDARD, CH-721 CONTROL UNIT |
| N | MAMW-ZN9F  | 195.00 | MICROPHONE, DESKTOP                       |

### Antennas

|   |               |        |  |
|---|---------------|--------|--|
| V | AN-025137-003 | 230.00 | ANTENNA, YAGI, UHF-L 375-403 MHZ, 10 dB GAIN |
| V | AN-025137-004 | 230.00 | ANTENNA, YAGI, UHF-L 406-440 MHZ, 9 dB GAIN  |
| V | AN-025137-005 | 230.00 | ANTENNA, YAGI, UHF-H 440-480 MHZ, 10 dB GAIN |
| V | AN-025137-012 | 350.00 | ANTENNA, YAGI, UHF-H 470-512 MHZ, 9 dB GAIN  |
| S | AN-025137-007 | 729.00 | ANTENNA, YAGI, 700 MHZ, 10 dB GAIN           |
| S | AN-025137-008 | 510.00 | ANTENNA, YAGI, 800 MHZ, 10 dB GAIN           |
| V | AN-025137-010 | 435.00 | ANTENNA, 700/800 MHZ YAGI, 6.5 dB            |
| V | AN-025137-009 | 200.00 | ANTENNA, YAGI, 900 MHZ, 10 dB GAIN           |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## CS7000 CONTROL STATION

Product Code: MW, HK

| E/C                         | Model No.  | List Price \$ | Description  |
|-----------------------------|------------|---------------|--|
| <b>Mounting/Cabling Kit</b> |            |               |  |
| N                           | MAHK-NMA6P | 290.00        | BRACKET KIT, RACK MOUNT, CS7000 For use with M5300         |
| N                           | MAMW-NMA6P | 290.00        | BRACKET KIT, RACK MOUNT, CS7000 For use with M7300         |
| N                           | XMMA6P     | 160.00        | BRACKET KIT, RACK MOUNT, CS7000 For use with Unity XG-100M |
| <b>Cables</b>               |            |               |  |
| N                           | MAMW-ZN9C  | 115.00        | CABLE ASSEMBLY, CAN, 30 FT STRAIGHT-RIGHT                  |
| N                           | MAMW-ZN9D  | 265.00        | CABLE ASSEMBLY, CAN, 90 FT STRAIGHT-RIGHT                  |
| N                           | MAMW-ZN9E  | 685.00        | CABLE ASSEMBLY, CAN, 250 FT STRAIGHT-RIGHT                 |
| N                           | MAMW-NCL8B | 190.00        | CABLE, OPTIONS   |
| N                           | MAHK-NCL8T | 185.00        | CABLE, SERIAL DATA, 20 FT                                  |
| N                           | MAHK-NCL8C | 90.00         | CABLE, CH-721 OPTION CABLE                                 |
| N                           | MAHK-NCL7R | 90.00         | CABLE, SERIAL PROGRAMMING, M5300                           |
| N                           | MATQ-NCL8U | 180.00        | CABLE, PROGRAMMING, CH-721 FRONT CONNECTOR                 |
| <b>Manuals</b>              |            |               |  |
| V                           | MAMM-07KCS | 35.00         | MANUAL, MAINTENANCE, OPERATOR/INSTALLATION, CS7000         |

*This page intentionally blank*

## CONVENTIONAL DC, TONE, AND IP TONE REMOTE CONTROLLER

Band: NA

Product Code: RC



### Standard Features

- Field Programmable by PC
- Controls and displays up to 4 channels
- Intercom
- Monitor
- Mute
- Alert Tone
- Programmable Auxiliaries
- 30 dB of compression and 3 watts of speaker audio
- Installation Manual
- Maintenance Manual

### Optional Features

- Wall Mount Bracket
- External Tone Cable
- Programming Cable and Software
- Headset and Footswitch
- Remote Button “CG OFF”
- Remote Button “RP OFF”
- Remote Button “RX2”

| E/C  | Model No.     | List Price \$ | Description   |
|--|---------------|---------------|---|
| <b>Conventional DC Remote Controller</b>   |               |               |   |
| V  | ID-431-24-46M | 1,220.00      | CONTROL UNIT, MODEL 24-46 DC REMOTE WITH DESK MIC   |
| V  | ID-431-24-46H | 1,120.00      | CONTROL UNIT, MODEL 24-46 DC REMOTE WITH HANDSET    |
| <b>Conventional Tone Remote Controller</b> |               |               |   |
| V  | ID-431-24-67M | 1,395.00      | CONTROL UNIT, 24-67 TONE RMT W/DESK MIC             |
| V  | ID-431-24-67H | 1,295.00      | CONTROL UNIT, 24-67 TONE RMT W/HANDSET              |
| <b>IP Tone Remote Controller</b>           |               |               |   |
| V  | CU-017947     | 1,250.00      | CONTROL UNIT, MODEL 24-66 VOIP REMOTE WITH HANDSET  |
| V  | CU-017948     | 1,185.00      | CONTROL UNIT, MODEL 24-66 VOIP REMOTE WITH DESK MIC |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## CONVENTIONAL DC, TONE, AND IP TONE REMOTE CONTROLLER

Band: NA

Product Code: RC

| E/C   | Model No.      | List Price \$ | Description   |
|---|----------------|---------------|---|
| <b>Conventional DC Remote Options</b>                           |                |               |   |
| V   | ID-431-RBC-411 | 90.00         | KIT, 4-WIRE AUDIO, DC REMOTE  |
| V   | ID-431-RBC-412 | 90.00         | KIT, ALTERNATE LINE/SUPERVISORY CONTROL, DC REMOTE                              |
| V   | ID-431-RBC-413 | 50.00         | KIT, PARALLEL TX INDICATOR, DC REMOTE   |
| <b>Conventional Tone Remote Options</b>                         |                |               |   |
| V   | ID-431-RBC-622 | 305.00        | KIT, DTMF ENCODER, TONE REMOTE  |
| V   | ID-431-RBC-615 | 305.00        | KIT, 2ND LINE WITH SUMMED AUDIO, TONE REMOTE (not compatible with 4-Wire Audio) |
| V   | ID-431-RBC-620 | 235.00        | KIT, ALPHANUMERIC DISPLAY, TONE REMOTE (not compatible with Clock/Vu Meter)     |
| V   | ID-431-RBC-613 | 190.00        | KIT, PARALLEL TX, NOTCH FILTER, TONE REMOTE                                     |
| V   | ID-431-RBC-611 | 90.00         | KIT, 4-WIRE AUDIO, TONE REMOTE (not compatible with 2nd Line Summed Audio)      |
| V   | ID-431-RBC-612 | 100.00        | KIT, ALTERNATE/SUPERVISORY CONTROL, TONE REMOTE                                 |
| V   | ID-431-RBC-614 | 20.00         | KIT, 12 VDC POWER CABLE, TONE REMOTE  |
| V   | ID-431-RBC-616 | 40.00         | KIT, ONE TOUCH TX, TONE REMOTE  |
| <b>Options/Accessories Common to Conventional Models</b>        |                |               |   |
| V   | ID-431-RBC-007 | 575.00        | HEADSET, WITH FOOTSWITCH  |
| V   | ID-431-RBC-003 | 220.00        | KIT, PROGRAMMING CABLE AND SOFTWARE   |
| V   | ID-431-RBC-002 | 90.00         | CABLE, EXTERNAL TONE  |
| V   | ID-431-RBC-006 | 80.00         | MANUAL, MAINTENANCE (Additional Copy)   |
| V   | ID-431-RBC-001 | 65.00         | KIT, WALL MOUNT BRACKET   |
| V   | ID-431-RBC-005 | 35.00         | MANUAL, INSTALLATION (Additional Copy)  |
| <b>Options Applicable With Conventional MASTR® III Stations</b> |                |               |   |
| V   | ID-900-0718QQ  | 40.00         | KEYCAP, REMOTE "CG OFF"   |
| V   | ID-900-0718RR  | 40.00         | KEYCAP, REMOTE "RP OFF"   |
| V   | ID-900-0718SS  | 40.00         | KEYCAP, REMOTE "RX2"  |



## RADIO PROGRAMMING

Product Code: N/A



### RADIO PROGRAMMER

L3Harris Radio Personality Manager (RPM) and RPM2 are Windows-based PC applications that allow administrators to retrieve, edit, store, and program personality information for L3Harris portable and mobile radios. RPM2 software supports XG-15P, XG-25P, XG-75P, XL-45P, XL-95P, XL-150P, XL-185P, XL-200P, and XL-400P portable subscriber units and XG-25M, XG-75M, Unity® XG-100M, XL-85M, XL-185M, and XL-200M radios – simplifying administration of mixed fleets and providing a level of flexibility unprecedented in the industry. RPM software supports XG radios and some legacy portable and mobile radios. L3Harris Radio Programming Packages contain software and annual update services, allowing customers access to the latest RPM/RPM2 software at no charge for each license that is purchased from L3Harris. Programming interface modules and product-specific programming cables may be selected from the options/accessories page.

**NOTE:** RPM and RPM2 are supported on the following operating systems:

**RPM:** Windows® 7, Windows 8, Windows 8.1, Windows Server® 2008 R2, Windows 10

**RPM2:** Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

**RPM** supports the following radio models in P25 trunked, EDACS trunked, and Conventional modes: Unity® XG-100P, Unity XG-100M, XG-75P, XG-75M, P7300, M7300, P7200, M7200, P5300, M5300, P5400, P5500, P7100<sup>IP</sup>, M7100<sup>IP</sup>, P5200, P5100, XG-25P, XG-25M, XG-15P, Jaguar™ 700P, and Jaguar 725M.

**RPM2** supports the following radio models in P25 trunked, EDACS trunked, and Conventional modes: XL-400P, XL-200P, XL-185P, XL-150P, XL-95P, XL-45P, XG-75P, XG-25P, XG-15P, XL-200M, XL-185M, XL-85M, Unity XG-100M, XG-75M, and XG-25M.

**Right to copy and site licenses are available. Please contact Software Services at 1-800-528-7711 for details.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

 **L3HARRIS®**  
FAST. FORWARD.

## RADIO PROGRAMMING

Product Code: N/A

### Standard Features

- Windows®-based PC Programming Software
- User-friendly Windows interface
- Extensive On-line Help
- Standard program supports all current and many legacy radios
- Annual Update Service

### Optional Features

- Windows-based PC Programming Software
  - Capability to use the same personalities for different radios

| E/C   | Model No.      | List Price \$ | Description  |
|---|----------------|---------------|--|
| <b>Windows-Based Radio Programming Software</b> |                |               |  |
| N   | SS-SW1E        | 895.00        | RPM/RPM2 WITH ANNUAL UPDATES (NO DONGLE)   |
| N   | SS-SW1D        | 1,095.00      | RPM/RPM2 W/MAST DONGLE & ANNUAL UPDATES  |
| N   | SS-SW1M        | 1,095.00      | RPM/RPM2 W/DIST DONGLE & ANNUAL UPDATES  |
| LD  | MATQ-S3416     | 800.00        | SERVICE, KEY MANAGER UPDATE SERVICE<br>Annual software update services purchased in conjunction with TQS3416 Keeps your TQS3416 software current as new releases are made available. Price covers 1-year enrollment. |
| <b>Over-the-Air Programming</b>                 |                |               |  |
| S   | AE/LZY213771/1 | 10,050.00     | SOFTWARE, ProFile MANAGER  |
| <b>Advanced Access Control</b>                  |                |               |  |
| N   | SS-DF3A        | 450.00        | DONGLE, MASTR, AAC With RPM/RPM2 license   |
| N   | SS-DF3B        | 450.00        | DONGLE, DISTRIBUTION, AAC With RPM/RPM2 license  |
| N   | SS-DF3C        | 200.00        | DONGLE, SECONDARY DISTRIBUTION, AAC Without RPM/RPM2 license   |
| <b>Device Manager</b>                           |                |               |  |
| LD  | NM-SG9B        | 10,000.00     | LICENSE, DEVICE MANAGER PREMIUM  |
| LD  | NM-SG9A        | 5,000.00      | LICENSE, DEVICE MANAGER PRO  |
| LD  | MASS-NSG8X     | 5,000.00      | LICENSE, DEVICE MANAGER PRO TO PREMIUM UPGRADE   |
| S   | AA-016293-001  | 1,439.00      | ADAPTER, 16-PORT SERIAL TO USB   |
| S   | CA-016292-001  | 9.50          | ADAPTER, CABLE, RJ45 (F) TO DB-9 (M)   |

**RADIO PROGRAMMING**

Product Code: N/A

| E/C  | Model No.     | List Price \$ | Description   |
|--|---------------|---------------|---|
| <b>Symphony Dispatch Console</b>               |               |               |   |
| N  | SS-SH4V       | 6,500.00      | LICENSE, BASE SIP, 4 EXTENSIONS, 8 CALLS License allows the Symphony console to connect up to 4 telephone extensions and process up to 8 simultaneous calls when connected to a Cisco® Unified Call Manager or Cisco Unified Call Manager Express |
| N  | SS-SH4U       | 2,500.00      | LICENSE, RADIO UNIT MONITOR License allows monitoring of RUM-enabled P25 subscriber units. Requires SR10A.3 or later VIDA network   |
| N  | SS-SH5B       | 2,000.00      | LICENSE, BASE SIP, ADD TO ENT/PREM BUNDLE License adds option UD-SH4V to Symphony Enterprise and Premier Console Bundles. Requires UD-ZM1D, UD-ZM1E, UD-ZN2A, or UD-ZN4Z  |
| N  | SS-SH4W       | 1,500.00      | LICENSE, SIP, ADD 4 EXTENSIONS, 8 CALLS License provides capacity for 4 additional extensions and 8 additional calls. Requires License UD-SH4V  |
| N  | SS-SH4R       | 750.00        | LICENSE, DISCREET LISTENING License allows Discreet Listening of P25 individual calls   |
| N  | SS-SH3R       | 250.00        | LICENSE, RADIO CHECK  |
| <b>EDACS Security Key/P25 Personality Lock</b> |               |               |   |
| S  | CM-013373-002 | 20.91         | SMART CARD READER, GEMALTO PC USB TR PIV  |
| <b>Programming Interface Modules</b>           |               |               |   |
| S  | TQ3370        | 525.00        | KIT, PROGRAMMING INTERFACE MODULE, 110 VAC  |
| S  | TQ3370-220    | 525.00        | KIT, PROGRAMMING INTERFACE MODULE, 220 VAC  |

**RADIO PROGRAMMING**

Product Code: N/A

| E/C                       | Model No.     | List Price \$ | Description   |
|---------------------------|---------------|---------------|---|
| <b>Programming Cables</b> |               |               |   |
| <b>Portables</b>          |               |               |   |
| N                         | XF-CJ3A       | 170.00        | CABLE, USB, PROGRAMMING For XL-400P   |
| N                         | XL-CJ3A       | 170.00        | CABLE, USB, PROGRAMMING For XL-200P   |
| N                         | XS-CJ3A       | 170.00        | CABLE, USB, PROGRAMMING For XL-185P   |
| N                         | XV-CJ3A       | 170.00        | CABLE, USB, PROGRAMMING For XL-150P   |
| N                         | XN-CJ3A       | 250.00        | CABLE, USB PROGRAMMING For XL-95P   |
| N                         | XK-CJ3A       | 250.00        | CABLE, USB PROGRAMMING For XL-45P   |
| S                         | CA-023407-001 | 265.43        | CABLE, PROGRAMMING, XG-75, P7300/P5500/P5400/P5300, XG-25P, and XG-15P  |
| <b>Mobiles</b>            |               |               |   |
| V                         | W95-0118-001  | 20.00         | CABLE, USB TYPE-A TO TYPE-C M/M For XL-85M, XL-185M, and XL-200M  |
| N                         | XMCL8U        | 180.00        | CABLE, PROGRAMMING, CH-100/CH-721 FRONT CONNECTOR, UNITY XG-100M  |
| N                         | MATQ-NCL8U    | 180.00        | CABLE, PROGRAMMING, CH-721 FRONT CONNECTOR, XG-75M/M7300/M5300  |
| S                         | CA-104861     | 90.00         | CABLE, SERIAL PROGRAMMING, CH-721, M7300/M7200/M5300  |
| N                         | DM-CL2Y       | 90.00         | CABLE, PROGRAMMING, XG-25M  |
| <b>Legacy Mobiles</b>     |               |               |   |
| N                         | MAMV-NCL8R    | 100.00        | CABLE, M7200, SERIAL PROGRAMMING  |
| S                         | TQ3409        | 130.00        | CABLE, PROGRAMMING, FOR M7100IP OR JAGUAR 725M, SHOP Plugs directly into the back of the transceiver<br>NOTE: The M7100IP and Jaguar 725M do not require the TQ3370 interface box.  |
| S                         | TQ3410        | 80.00         | CABLE, PROGRAMMING, FOR M7100IP OR JAGUAR 725M, FIELD Plugs directly into the connector beside the control unit on the front of the transceiver<br>NOTE: The M7100 <sup>IP</sup> and Jaguar 725M do not require the TQ3370 interface box. |

## TWO47™ TRUNKED BASE STATION

Band: 700, 800  
 Product Code: SN



### Supports the Following Configurations

- Phase 1 and Phase 2 Trunking
- P25 Data
- Single-site, multi-site, and simulcast configurations
- Compact (1 Rack Unit) integrated transceiver

### Optional Features

- Optional AC site power converters

### Open

- Highest level of support for the Project 25 Air Interface including the P25 TDMA control channel
- API integration for location services (StatusAware)
- Open Network Management through the Enterprise Network Manager

### Adaptable

- Advanced digital architecture providing a future-proof platform
- One-touch configuration with self-provisioning for each channel
- Power, space, and thermal efficiencies for a wide range of site configurations

### Resilient

- Sites where every station is capable of being a control channel, working channel, and/or high velocity data channel
- The most stringent cybersecurity standards
- Rugged construction to withstand harsh environments

## TWO47™ TRUNKED BASE STATION

Band: 700, 800  
 Product Code: SN

All Two47 Trunked Base Station orders must be placed through Falcon, the Product Configurator. The following is for information only.

| E/C | Model No. | List Price \$ | Description   |
|-----|-----------|---------------|---|
| C   | SN-8TXMX  | 38,500.00     | STATION, TWO47, P25T, 800 MHz, 806-825 RX   |
| C   | SN-7TXMX  | 38,500.00     | STATION, TWO47, P25T, 700 MHz   |
| N   | SN-SJ3T   | 11,500.00     | FEATURE, SOFTWARE, P25 PHASE 2, TWO47   |
| N   | SN-PS3U   | 1,680.00      | POWER SUPPLY MODULE, 120/240 VAC  |
| N   | SN-PS3T   | 1,505.00      | POWER SUPPLY SHELF, 120/240 VAC   |
| N   | SN-PD3K   | 1,095.00      | PANEL, BREAKER, DC  |
| N   | SN-PD3L   | 60.00         | PANEL, BREAKER, 5 AMP OPTION  |
| N   | SN-PD3M   | 55.00         | PANEL, BREAKER, 10 AMP OPTION   |
| N   | SN-PD3N   | 60.00         | PANEL, BREAKER, 25 AMP OPTION   |
| N   | SN-CA5Y   | 30.00         | POWER CORD, 120 VAC   |
| N   | SN-CA5Z   | 30.00         | POWER CORD, 220 VAC   |
| N   | SN-CN1G   | 670.00        | POWER STRIP, AC PANEL, 220V, 6 IEC OUTPUT   |
| N   | SN-MD9G   | 175.00        | CONNECTOR KIT, GPS MULTISITE  |
| N   | SC-MD9G   | 175.00        | CONNECTOR KIT, GPS  |
| N   | SC-MD9M   | 1,110.00      | CONNECTOR KIT, GPS, GM-200  |
| VN  | SN-CB8D   | 7,830.00      | COMBINER, TX, 2 CHN, 800 MHZ, DPM DC Two channels with Power Monitor and TX filter  |
| VN  | SN-CB8C   | 10,120.00     | COMBINER, TX, 4 CHN, 800 MHZ, DPM DC Four channels with Power Monitor and TX filter |
| VN  | SN-CB8A   | 7,260.00      | COMBINER, TX, 4 CHN, 800 MHZ, EPX DC Four-channel Expansion Module                  |
| VN  | SN-CB8B   | 4,750.00      | COMBINER, TX, 2 CHN, 800 MHZ, EPX DC Two-channel Expansion Module                   |
| VN  | SN-CB7C   | 10,580.00     | COMBINER, TX, 4 CHN, 700 MHZ, DPM DC Four channels with Power Monitor and TX filter |
| VN  | SN-CB7A   | 7,090.00      | COMBINER, TX, 4 CHN, 700 MHZ, EXP DC Four-channel Expansion Module                  |
| VN  | SN-CB7B   | 5,080.00      | COMBINER, TX, 2 CHN, 700 MHZ, EXP DC Two-channel Expansion Module                   |
| N   | SN-MD9E   | 3,505.00      | TIMING REFERENCE, MULTISITE   |
| N   | SN-MD9H   | 3,505.00      | TIMING REFERENCE, REDUNDANT MULTISITE   |
| C   | SN-SVP25  | 750.00        | SITE INTERFACE EQUIPMENT, P25T TWO47  |
| VN  | SN-AM1M   | 2,790.00      | AMP, TOWER TOP, 799-817MHZ  |
| N   | SN-MR1H   | 2,295.00      | RACK, OPEN, 86 IN (XTRA DP) WITH SUPPORT  |
| N   | SN-MA6Q   | 85.00         | GROUNDING SHIM, 23RU  |
| VN  | SN-CJ4G   | 170.00        | CONNECTOR, T-CONN 4-10FFF, COMBILENT CBLs   |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**TWO47™ TRUNKED BASE STATION**

Band: 700, 800  
 Product Code: SN

| E/C              | Model No.    | List Price \$ | Description  |
|------------------|--------------|---------------|--|
| VN               | SN-CG2L      | 2,830.00      | MULTICOUPLER, 7/800MHZ, 3MHZ, 8PORT                                  |
| VN               | SN-CG2M      | 3,480.00      | MULTICOUPLER, 7/800MHZ, 3MHZ, 16PORT                                 |
| VN               | SN-CG2K      | 2,830.00      | MULTICOUPLER, 7/800MHZ, 6MHZ, 8PORT                                  |
| VN               | SN-CG2J      | 3,480.00      | MULTICOUPLER, 7/800MHZ, 6MHZ, 16PORT                                 |
| VN               | SN-CG2N      | 2,830.00      | MULTICOUPLER, 7/800MHZ, 9MHZ, 8PORT                                  |
| VN               | SN-CG2P      | 3,480.00      | MULTICOUPLER, 7/800MHZ, 9MHZ, 16PORT                                 |
| VN               | SN-CG2R      | 2,830.00      | MULTICOUPLER, 7/800MHZ, 12MHZ, 8PORT                                 |
| VN               | SN-CG2T      | 3,480.00      | MULTICOUPLER, 7/800MHZ, 12MHZ, 16PORT                                |
| VN               | SN-CG2W      | 2,830.00      | MULTICOUPLER, RX, 799-817MHZ BW, 8PORT                               |
| VN               | SN-CG2X      | 3,480.00      | MULTICOUPLER, RX, 799-817MHZ BW, 16PORT                              |
| N                | SN-CK4D      | 595.00        | CABLE KIT, STATION CHN 1-4   |
| N                | SN-CK4E      | 530.00        | CABLE KIT, STATION CHN 5-8   |
| N                | SN-CK4F      | 530.00        | CABLE KIT, STATION CHN 9-10  |
| N                | SN-CK4G      | 595.00        | CABLE KIT, STATION CHN 11-14   |
| N                | SN-CK4H      | 530.00        | CABLE KIT, STATION CHN 15-18   |
| N                | SN-CK4J      | 530.00        | CABLE KIT, STATION CHN 19-20   |
| N                | SN-CK4K      | 595.00        | CABLE KIT, STATION CHN 21-24   |
| VN               | SN-CK4V      | 90.00         | CABLE A, 851-869 MHZ, 4.3 TO 10MM                                    |
| VN               | SN-CK4W      | 170.00        | CABLE B, 851-869 MHZ, 4.3 TO 10MM                                    |
| VN               | SN-CK4Y      | 170.00        | CABLE F, 851-869 MHZ, 4.3-10MM/7-16MM                                |
| VN               | SN-CK5A      | 170.00        | CABLE A, 763-776 MHZ, 4.3 TO 10MM                                    |
| VN               | SN-CK5B      | 170.00        | CABLE B, 763-776 MHZ, 4.3 TO 10MM                                    |
| VN               | SN-CK5D      | 170.00        | CABLE F, 763-776 MHZ, 4.3-10MM/7-16MM                                |
| <b>Spares</b>    |              |               |  |
| C                | SN-8TXMX-S   | 24,000.00     | STATION, TWO47, 800 MHz, SPARE Unit to be used only as a replacement |
| <b>Simulcast</b> |              |               |  |
| VM               | SC-NTXP25-DC | 34,000.00     | TWO47 IP SIMULCAST, TX SITE, COMM EQUIP                              |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

*This page intentionally blank*



## MASTR® V P25<sup>IP</sup> TRUNKED BASE STATION

Band: VHF, UHF, 700, 800, 900  
 Product Code: SV



### Standard Features

- Project 25 Compliant Common Air Interface
- All the advantages of IP Network
- Digital Voice and Data

### Optional Features

- AC/DC Power
- P25 Phase 1 or Phase 2

All MASTR V P25<sup>IP</sup> Trunked Base Station orders must be placed through Falcon, the Product Configurator. The following is for information only.

| E/C | Model No.    | List Price \$ | Description                                 |
|-----|--------------|---------------|---|
| C   | MASV-900M1   | 19,570.00     | STATION, MASTR V, P25T, 900 MHZ             |
| C   | MASV-800M1   | 21,130.00     | STATION, MASTR V, P25T, 800 MHZ, 799-817 RX |
| C   | MASV-800M1-A | 21,130.00     | STATION, MASTR V, P25T, 800 MHZ, 799-817 RX |
| C   | MASV-STXMV   | 21,130.00     | STATION, MASTR V, P25T, 800 MHZ, 806-824 RX |
| C   | MASV-STXMV-A | 21,130.00     | STATION, MASTR V, P25T, 800 MHZ, 806-824 RX |
| C   | MASV-700M1-A | 21,130.00     | STATION, MASTR V, P25T, 700 MHZ             |
| C   | SV-WTXMV     | 19,570.00     | STATION, MASTR V, P25T, 494-512 MHZ         |
| C   | MASV-VTXMV   | 19,570.00     | STATION, MASTR V, P25T, 470-494 MHZ         |
| C   | SV-UTXMV     | 19,570.00     | STATION, MASTR V, P25T, 450-470 MHZ         |
| C   | SV-RTXMV     | 19,570.00     | STATION, MASTR V, P25T, 403-430 MHZ         |
| C   | MASV-NTXMV   | 19,570.00     | STATION, MASTR V, P25T, 380-400 MHZ         |
| C   | MASV-HTXMV   | 19,570.00     | STATION, MASTR V, P25T, 150-174 MHZ         |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**MASTR® V P25<sup>TP</sup> TRUNKED BASE STATION**

Band: VHF, UHF, 700, 800, 900

Product Code: SV

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| N   | MASA-NMD6X | 18,375.00     | SiteLink, MASTR V                                      |
| C   | SAMD7Y     | 21,000.00     | KIT, NETWORK SENTRY, CONTROL/DATA, WIN10               |
| C   | SAMD7Y-DC  | 21,000.00     | KIT, NET SENTRY, CNTL/DATA, DC PWR, WIN10              |
| N   | SV-AW5U    | 9,680.00      | POWER AMPLIFIER, LINEAR, 900 MHZ                       |
| N   | SV-AW5R-A  | 11,560.00     | POWER AMPLIFIER, LINEAR, 800 MHZ                       |
| N   | SV-AW5L-A  | 11,560.00     | POWER AMPLIFIER, LINEAR, 700 MHZ                       |
| N   | SV-AW5P    | 12,250.00     | POWER AMPLIFIER, LINEAR, 470-520 MHZ                   |
| N   | SV-AW5T    | 12,250.00     | POWER AMPLIFIER, LINEAR, 450-470 MHZ                   |
| N   | SV-AW5S    | 12,250.00     | POWER AMPLIFIER, LINEAR, 403-430 MHZ                   |
| N   | SV-AW5N    | 12,250.00     | POWER AMPLIFIER, LINEAR, 380-400 MHZ                   |
| N   | SV-AW5M    | 12,250.00     | POWER AMPLIFIER, LINEAR, 150-174 MHZ                   |
| N   | MASV-NSG8S | 2,625.00      | FEATURE, P25 VDOC SUPPORT                              |
| N   | SV-RB3G    | 10,040.00     | SHELF, 14-SLOT, OPEN RACK                              |
| N   | SV-RB3H    | 7,500.00      | SHELF, 14-SLOT, CABINET                                |
| N   | CP-RB3G    | 7,500.00      | SHELF, 14-SLOT, OPEN RACK For IP Control Point         |
| N   | CP-RB3H    | 7,500.00      | SHELF, 14-SLOT, CABINET For IP Control Point           |
| N   | MASV-NPM1A | 3,130.00      | PROCESSOR, BASEBAND, MODULE, P25 SIMULCAST             |
| N   | MASV-NCU4X | 1,600.00      | SWITCH, ETHERNET, REDUNDANT, MASTR V                   |
| N   | CP-CU4X    | 1,600.00      | SWITCH, ETHERNET, REDUNDANT, MASTR V For Control Point |
| N   | MASV-NPS2P | 3,080.00      | POWER SUPPLY, 110-240V, AC, MASTR V                    |
| N   | MASV-NPS2S | 3,580.00      | POWER SUPPLY, 48VDC, MASTR V                           |
| N   | SV-RB3C    | 860.00        | POWER SUPPLY SHELF                                     |
| N   | SV-RB3B    | 860.00        | POWER SUPPLY SHELF, 1st POSITION                       |
| N   | SV-RB3A    | 860.00        | POWER SUPPLY SHELF, 2ND POSITION                       |
| N   | SV-RB3D    | 860.00        | POWER SUPPLY SHELF, CAB RACK                           |
| N   | SV-RB3F    | 860.00        | POWER SUPPLY SHELF, 1st POS, CAB RACK                  |
| N   | SV-RB3E    | 860.00        | POWER SUPPLY SHELF, 2ND POS, CAB RACK                  |
| N   | MASA-SVP25 | 750.00        | SITE INTERFACE EQUIPMENT, P25T MASTR V                 |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**MASTR® V P25<sup>TP</sup> TRUNKED BASE STATION**

Band: VHF, UHF, 700, 800, 900  
 Product Code: SV

| E/C            | Model No.  | List Price \$ | Description  |
|----------------|------------|---------------|--|
| C              | MASV-NRF5G | 647.00        | PRESELECTOR, 470-512 MHZ, MASTR V                      |
| C              | SV-RF5J    | 647.00        | PRESELECTOR, 440-470 MHZ, MASTR V                      |
| C              | SV-RF5H    | 647.00        | PRESELECTOR, 406-430 MHZ, MASTR V                      |
| C              | MASV-NRF5F | 647.00        | PRESELECTOR, 380-400 MHZ, MASTR V                      |
| C              | MASV-NRF5E | 647.00        | PRESELECTOR, 160-170 MHZ, MASTRV                       |
| C              | MASV-NRF5D | 647.00        | PRESELECTOR, 150-160 MHZ, MASTRV                       |
| N              | MASV-NMN2B | 137.00        | SHIPPING OPTION, NO CABINET, MASTR V                   |
| <b>Manuals</b> |            |               |  |
| V              | MAMM-100SV | 35.00         | MANUAL, INSTALLATION MASTR V P25 TRUNKING BASE STATION |
| V              | MAMM-110SV | 65.00         | MANUAL, MAINTENANCE, MASTR V P25 TRUNKING SITE         |
| V              | MAMM-120SV | 210.00        | MANUAL, MAINTENANCE, MASTR V P25 TRUNKED SIMULCAST     |
| V              | MM120SV-IP | 210.00        | MANUAL, INSTALLATION, MASTR V IP SIMULCAST             |
| V              | MM130SV-IP | 35.00         | MANUAL, INSTAL, MASTR V IP SMLCST, DCP                 |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

*This page intentionally blank*

## MASTR® V P25<sup>IP</sup> TRUNKED AUXILIARY RECEIVER

Band: VHF, UHF, 700, 800, 900  
 Product Code: SV



### Standard Features

- Project 25 Compliant Common Air Interface
- All the advantages of IP Network
- Digital Voice and Data

### Optional Features

- AC/DC Power

All MASTR V P25<sup>IP</sup> Trunked Auxiliary Receiver orders must be placed through the Product Configurator. The following is for information only.

| E/C | Model No.  | List Price \$ | Description                              |
|-----|------------|---------------|--|
| C   | MASV-9TRMV | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 900 MHZ     |
| C   | MASV-STRMV | 16,710.00     | AUX RECEIVER, MASTR V, P25T, 806-824 MHZ |
| C   | MASV-8TRMV | 16,710.00     | AUX RECEIVER, MASTR V, P25T, 799-817 MHZ |
| C   | MASV-7TRMV | 16,710.00     | AUX RECEIVER, MASTR V, P25T, 700 MHZ     |
| C   | SV-WTRMV   | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 494-512 MHZ |
| C   | SV-VTRMV   | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 470-494 MHZ |
| C   | SV-UTRMV   | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 450-470 MHZ |
| C   | SV-RTRMV   | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 403-430 MHZ |
| C   | MASV-NTRMV | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 380-400 MHZ |
| C   | MASV-HTRMV | 15,470.00     | AUX RECEIVER, MASTR V, P25T, 150-174 MHZ |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**MASTR® V P25<sup>TP</sup> TRUNKED AUXILIARY RECEIVER**

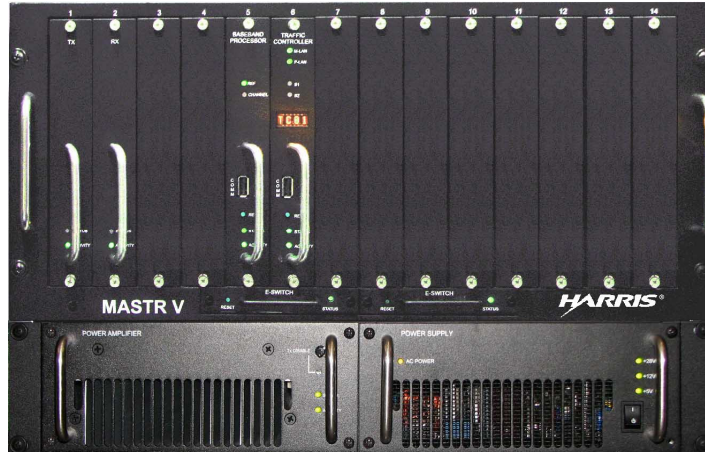
Band: VHF, UHF, 700, 800, 900

Product Code: SV

| E/C            | Model No.  | List Price \$ | Description                                      |
|----------------|------------|---------------|--|
| <b>Manuals</b> |            |               |  |
| V              | MM250SR    | 35.00         | MANUAL, INSTALLATION, MASTR V AUXILIARY RECEIVER |
| V              | MM250SR-IP | 35.00         | MANUAL, INSTALLATION, MASTR V IP AUX RX          |

## MASTR® V P25<sup>TP</sup> CONVENTIONAL BASE STATION

Band: VHF, UHF, 700, 800, 900  
 Product Code: SV



### Standard Features

- Project 25 Compliant Common Air Interface
- P25C Linear Simulcast
- P25C Voted
- P25C Multi-site
- Digital Voice and Data

### Optional Features

- AC/DC Power

All MASTR V P25 orders must be placed through Falcon, the Product Configurator. The following is for information only.

| E/C | Model No.  | List Price \$ | Description                                 |
|-----|------------|---------------|---|
| C   | SV-9CXMV   | 13,550.00     | STATION, MASTR V, P25C, 900 MHZ             |
| C   | SV-SCXMV   | 13,550.00     | STATION, MASTR V, P25C, 800 MHZ, 806-824 RX |
| C   | SV-SCXMV-A | 13,550.00     | STATION, MASTR V, P25C, 800 MHZ, 806-824 RX |
| C   | SV-8CXMV   | 13,550.00     | STATION, MASTR V, P25C, 800 MHZ, 799-817 RX |
| C   | SV-8CXMV-A | 13,550.00     | STATION, MASTR V, P25C, 800 MHZ, 799-817 RX |
| C   | SV-7CXMV-A | 13,550.00     | STATION, MASTR V, P25C, 700 MHZ             |
| C   | SV-WCXMV   | 13,550.00     | STATION, MASTR V, P25C, 494-520 MHZ         |
| C   | SV-VCXMV   | 13,550.00     | STATION, MASTR V, P25C, 470-494 MHZ         |
| C   | SV-UCXMV   | 16,560.00     | STATION, MASTR V, P25C, 450-470 MHZ         |
| C   | SV-RCXMV   | 16,560.00     | STATION, MASTR V, P25C, 403-430 MHZ         |
| C   | SV-NCXMV   | 13,550.00     | STATION, MASTR V, P25C, 380-400 MHZ         |
| C   | SV-HCXMV   | 13,550.00     | STATION, MASTR V, P25T, 150-174 MHZ         |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**MASTR® V P25<sup>TP</sup> CONVENTIONAL BASE STATION**

Band: VHF, UHF, 700, 800, 900

Product Code: SV

| E/C | Model No.  | List Price \$ | Description  |
|-----|------------|---------------|--|
| C   | SA-SVP25C  | 1,100.00      | SITE INTERFACE EQUIPMENT, P25C MASTR V                 |
| C   | SAMD7Y     | 21,000.00     | KIT, NETWORK SENTRY, CONTROL/DATA, WIN10               |
| C   | SAMD7Y-DC  | 21,000.00     | KIT, NET SENTRY, CNTL/DATA, DC PWR, WIN10              |
| N   | SV-AW5U    | 9,680.00      | POWER AMPLIFIER, LINEAR, 900 MHZ                       |
| N   | SV-AW5R-A  | 11,560.00     | POWER AMPLIFIER, LINEAR, 800 MHZ                       |
| N   | SV-AW5L-A  | 11,560.00     | POWER AMPLIFIER, LINEAR, 700 MHZ                       |
| N   | SV-AW5N    | 12,250.00     | POWER AMPLIFIER, LINEAR, 380-400 MHZ                   |
| N   | SV-AW5P    | 12,250.00     | POWER AMPLIFIER, LINEAR, 470-520 MHZ                   |
| N   | SV-AW5T    | 12,250.00     | POWER AMPLIFIER, LINEAR, 450-470 MHZ                   |
| N   | SV-AW5S    | 12,250.00     | POWER AMPLIFIER, LINEAR, 403-430 MHZ                   |
| N   | SV-AW5M    | 12,250.00     | POWER AMPLIFIER, LINEAR, 150-174 MHZ                   |
| N   | MASV-NSG8S | 2,625.00      | FEATURE, P25 VDOC SUPPORT                              |
| N   | SV-RB3G    | 10,040.00     | SHELF, 14-SLOT, OPEN RACK                              |
| N   | SV-RB3H    | 7,500.00      | SHELF, 14-SLOT, CABINET                                |
| N   | CP-RB3G    | 7,500.00      | SHELF, 14-SLOT, OPEN RACK For IP Control Point         |
| N   | CP-RB3H    | 7,500.00      | SHELF, 14-SLOT, CABINET For IP Control Point           |
| N   | MASV-NPM1A | 3,130.00      | PROCESSOR, BASEBAND, MODULE, P25 SIMULCAST             |
| N   | MASV-NCU4X | 1,600.00      | SWITCH, ETHERNET, REDUNDANT, MASTR V                   |
| N   | CP-CU4X    | 1,600.00      | SWITCH, ETHERNET, REDUNDANT, MASTR V For Control Point |
| N   | MASV-NPS2P | 3,080.00      | POWER SUPPLY, 110-240V, AC, MASTR V                    |
| N   | MASV-NPS2S | 3,580.00      | POWER SUPPLY, 48VDC, MASTR V                           |
| N   | SV-RB3C    | 860.00        | POWER SUPPLY SHELF                                     |
| N   | SV-RB3B    | 860.00        | POWER SUPPLY SHELF, 1st POSITION                       |
| N   | SV-RB3A    | 860.00        | POWER SUPPLY SHELF, 2ND POSITION                       |
| N   | SV-RB3D    | 860.00        | POWER SUPPLY SHELF, CAB RACK                           |
| N   | SV-RB3F    | 860.00        | POWER SUPPLY SHELF, 1st POS, CAB RACK                  |
| N   | SV-RB3E    | 860.00        | POWER SUPPLY SHELF, 2ND POS, CAB RACK                  |
| C   | MASV-NRF5G | 647.00        | PRESELECTOR, 470-512 MHZ, MASTR V                      |
| C   | SV-RF5J    | 647.00        | PRESELECTOR, 440-470 MHZ, MASTR V                      |
| C   | SV-RF5H    | 647.00        | PRESELECTOR, 406-430 MHZ, MASTR V                      |
| C   | MASV-NRF5F | 647.00        | PRESELECTOR, 380-400 MHZ, MASTR V                      |
| C   | MASV-NRF5E | 647.00        | PRESELECTOR, 160-170 MHZ, MASTR V                      |
| C   | MASV-NRF5D | 647.00        | PRESELECTOR, 150-160 MHZ, MASTR V                      |
| N   | MASV-NMN2B | 137.00        | SHIPPING OPTION, NO CABINET, MASTR V                   |

**Manuals**

|   |            |       |  |
|---|------------|-------|--|
| V | MM100SV-CV | 35.00 | MANUAL, INSTALLATION, MASTR V P25C IP REPEATER |
|---|------------|-------|--|

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## MASTR® V P25<sup>IP</sup> CONVENTIONAL AUXILIARY RECEIVER

Band: VHF, UHF, 700, 800, 900  
 Product Code: SV



|                          |                          |
|--------------------------|--------------------------|
| <b>Standard Features</b> | <b>Optional Features</b> |
|--------------------------|--------------------------|

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Project 25 Compliant Common Air Interface</li> <li>All the advantages of IP Network</li> </ul> | <ul style="list-style-type: none"> <li>AC/DC Power</li> </ul> |
|---|---|

All MASTR V P25<sup>IP</sup> Conventional Auxiliary Receiver orders must be placed through the Product Configurator. The following is for information only.

| E/C | Model No. | List Price \$ | Description                              |
|-----|-----------|---------------|--|
| C   | SV-9CRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 900 MHZ     |
| C   | SV-SCRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 806-824 MHZ |
| C   | SV-8CRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 799-817 MHZ |
| C   | SV-7CRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 700 MHZ     |
| C   | SV-WCRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 494-520 MHZ |
| C   | SV-VCRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 470-494 MHZ |
| C   | SV-UCRMV  | 15,470.00     | AUX RECEIVER, MASTR V, P25C, 450-470 MHZ |
| C   | SV-RCRMV  | 15,470.00     | AUX RECEIVER, MASTR V, P25C, 403-430 MHZ |
| C   | SV-NCRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 380-400 MHZ |
| C   | SV-HCRMV  | 9,850.00      | AUX RECEIVER, MASTR V, P25C, 150-174 MHZ |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**MASTR® V P25<sup>TP</sup> CONVENTIONAL AUXILIARY RECEIVER**

Band: VHF, UHF, 700, 800, 900  
Product Code: SV

| E/C            | Model No.  | List Price \$ | Description  |
|----------------|------------|---------------|--|
| <b>Manuals</b> |            |               |  |
| V              | MM250SR-CV | 35.00         | MANUAL, INSTALLATION, MASTR V P25C IP AUXILIARY RECEIVER |

## NETWORK OVERVIEW

### VIDA®

The Voice, Interoperability, Data, and Access (VIDA) network can seamlessly utilize multiple air interfaces and technologies across the network, providing complimentary choices for coverage, capacity, and feature sets. Voice-over-IP (VoIP) and L3Harris' IP-based architecture allow all of the elements to function seamlessly across the network. A single set of unified administration and management applications provides a powerful toolset for managing the VIDA network regardless of which technologies are employed. A VIDA network is easily and cost-effectively scalable across a country, state, region, or even nationwide. Industry-standard routers and servers are used to reduce costs and to future-proof the network.

### P25<sup>IP</sup>

L3Harris' P25<sup>IP</sup> was the first completely Internet Protocol (IP)-based mobile radio communications system developed for users requiring the secure digital voice and data capabilities of Project 25 (P25). P25<sup>IP</sup> is part of a portfolio of solutions that L3Harris offers for wide-area communication systems – each of which is capable of meeting the communications requirements of federal, public safety, public service, and first responders. P25<sup>IP</sup> meets the requirements of the P25 Phase 1 and Phase 2 standards, plus provides value-added voice and data features. P25<sup>IP</sup> networks can be configured for single-site, multi-site, simulcast, or a combination. P25<sup>IP</sup> is also particularly appropriate for users operating with non-exclusive VHF and UHF frequencies. For federal users, P25<sup>IP</sup> meets the Congressional and NTIA mandates for the narrowband (12.5 kHz) migration.

### BeOn®

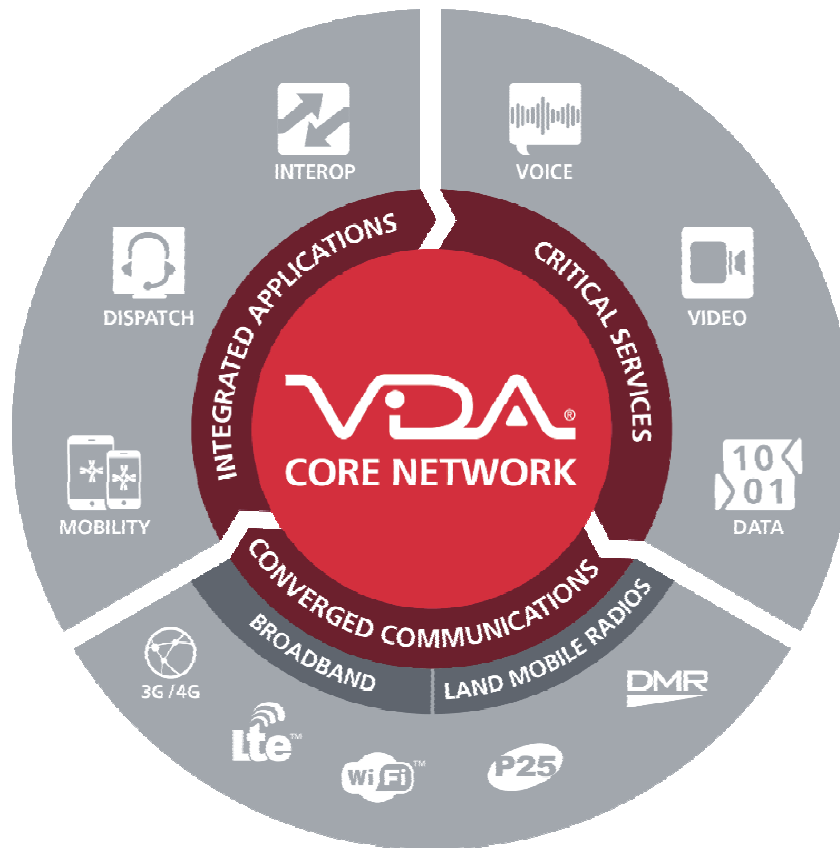
BeOn is a managed group communications solution enabling Push-to-Talk, Presence, and Situational Awareness services. BeOn can be configured as a stand-alone communications platform and can also be tightly integrated with narrowband land mobile radio systems to provide interoperable PTT services. The BeOn client application operates on standard commercial carrier Android™ and iOS™ smartphone and tablet user devices as well as Windows® PCs, providing a very low cost-per-user communications platform. With its built-in suite of applications, BeOn saves time, labor, and money through increased efficiencies and an enhanced communication experience.

BeOn is a next generation platform that is built from the ground up to be tightly integrated with P25 radio systems, supporting key P25 features such as the P25 codec, encryption, ability to declare and sense P25 emergency states, P25 group scanning, and preemption. BeOn builds on P25 functionality while leveraging available broadband data networks to deliver advanced features such as presence states, geographic mapping, and other situational awareness features.

*This page intentionally blank*

## VIDA® PREMIER

Band: N/A  
 Product Code: NA



Contact System Solution Engineering (SSE) for quotes and configurations for VIDA Premier. The following is for information only.

### VIDA PREMIER

The L3Harris Voice, Interoperability, Data, and Access (VIDA®) network solution supports the use of appropriately selected technologies to achieve an overall network solution that best serves the diverse needs of all user groups operating on the system. The result is a single integrated, cost-effective IP-based communications infrastructure that is scalable, flexible, and easily expanded. The wide dynamic range of technologies supported by the VIDA network opens the door of interoperability between L3Harris systems, other manufacturers, and many past, present, and future LMR technologies.

The VIDA services platform is a fully integrated solution that provides unified interoperable communications for voice, data, and applications across a multitude of technologies ranging from LMR narrowband to LTE broadband data networks. As a member of L3Harris' VIDA product family, the VIDA Premier solution is primarily designed for medium-sized multi-region systems. VIDA Premier allows linking multiple agencies, radio vendors, frequencies, and protocols through a common IP network infrastructure. The VIDA network may be configured to provide simultaneous IP connectivity to other Land Mobile Radio technologies such as P25 Trunking (Phase 1 and Phase 2), P25 Conventional, VIDA Broadband, VIDA LTE, and BeOn® systems.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**VIDA® PREMIER**

Band: N/A

Product Code: NA

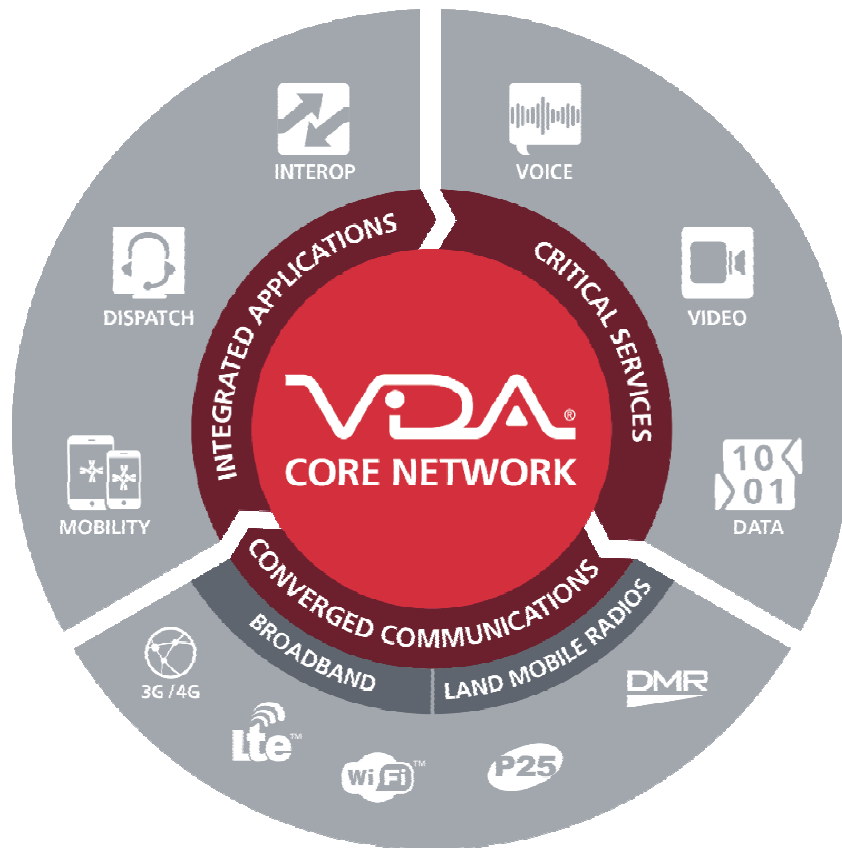
| Standard Equipment   | Standard Features  | Available Options   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• VIDA Application Server</li> <li>• Storage Area Network (SAN)</li> <li>• Networking Equipment</li> <li>• Complete VIDA Solution in small form factor</li> <li>• Complete VIDA Solution in small form factor</li> <li>• VIDA Application Server</li> </ul> | <ul style="list-style-type: none"> <li>• Real Time Voice, Management, and Administration Applications</li> <li>• Support for Multi-Region VIDA Systems</li> <li>• Application High Availability</li> <li>• VIDA Transcoder</li> <li>• BeOn® Application</li> <li>• SUMS Application</li> </ul> | <ul style="list-style-type: none"> <li>• Location High Availability</li> <li>• ISSI Gateway Application</li> <li>• Key Management Facility Application</li> <li>• Radio TextLink Application</li> <li>• Telephone Interconnect Gateway</li> <li>• Interoperability Gateway</li> <li>• Encompass Gateway</li> <li>• StatusAware Location Gateway</li> <li>• eData Gateway</li> </ul> |

| E/C | Model No.      | List Price \$ | Description  |
|-----|----------------|---------------|--|
| C   | NM-VM2M-HD     | 100,000.00    | HARD DRIVE, EDATA GW VM SOFTWARE   |
| C   | NM-VM2E-LOC-HD | 83,500.00     | HARD DRIVE, ISSI GW VMWARE SW, LOCATION HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well. |
| C   | NM-VM2E-HD     | 83,750.00     | HARD DRIVE, ISSI GW VMWARE SW, APP/HW HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well.   |
| C   | NM-VM2A-HD     | 78,000.00     | HARD DRIVE, KMF VMWARE SW  |
| C   | NM-VM2X-HD     | 35,000.00     | HARD DRIVE, STATUSAWARE VM SW, 100 DEVICES   |
| C   | NM-VM2D-HD     | 18,750.00     | HARD DRIVE, RADIO TEXTLINK VMWARE SW   |
| C   | VSSUMSVM-HD    | 10,000.00     | HARD DRIVE, SUMS 2.0 VMWARE SW   |
| C   | VSEPOVM-HD     | 3,500.00      | HARD DRIVE, EPOLICY ORCH VMWARE SW   |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**VIDA® UNITE**

Band: N/A  
 Product Code: NA



Contact System Solution Engineering (SSE) for quotes and configurations for VIDA Unite. The following is for information only.

**VIDA UNITE**

The L3Harris Voice, Interoperability, Data, and Access (VIDA®) network solution supports the use of appropriately selected technologies to achieve an overall network solution that best serves the diverse needs of all user groups operating on the system. The result is a single integrated, cost-effective IP-based communications infrastructure that is scalable, flexible, and easily expanded. The wide dynamic range of technologies supported by the VIDA network opens the door of interoperability between L3Harris systems, other manufacturers, and many past, present, and future LMR technologies.

The VIDA services platform is a fully integrated solution that provides unified interoperable communications for voice, data, and applications across a multitude of technologies ranging from LMR narrowband to LTE broadband data networks. As a member of L3Harris’ VIDA product family, the VIDA Unite solution is a lower cost single-region alternative to the VIDA Premier core. VIDA Unite extends the VIDA Services platform to a new entry point on a compact, single-server core.

The VIDA network may be configured to provide simultaneous IP connectivity to other Land Mobile Radio technologies such as P25 Trunking (Phase 1 and Phase 2), P25 Conventional, VIDA Broadband, VIDA LTE, and BeOn® systems.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



**VIDA® UNITE**

Band: N/A

Product Code: NA

| Standard Equipment   | Standard Features   | Available Options   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• VIDA Application Server</li> <li>• Networking Equipment</li> <li>• Complete VIDA Solution in small form factor</li> </ul> | <ul style="list-style-type: none"> <li>• Real Time Voice, Management, and Administration Applications</li> <li>• Support for Single-Region VIDA Systems</li> <li>• Application High Availability</li> <li>• VIDA Transcoder</li> <li>• BeOn® Application</li> <li>• SUMS Application</li> </ul> | <ul style="list-style-type: none"> <li>• Location High Availability</li> <li>• ISSI Gateway Application</li> <li>• Key Management Facility Application</li> <li>• Radio TextLink Application</li> <li>• Telephone Interconnect Gateway</li> <li>• Interoperability Gateway</li> <li>• Encompass Gateway</li> <li>• StatusAware Location Gateway</li> <li>• eData Gateway</li> </ul> |

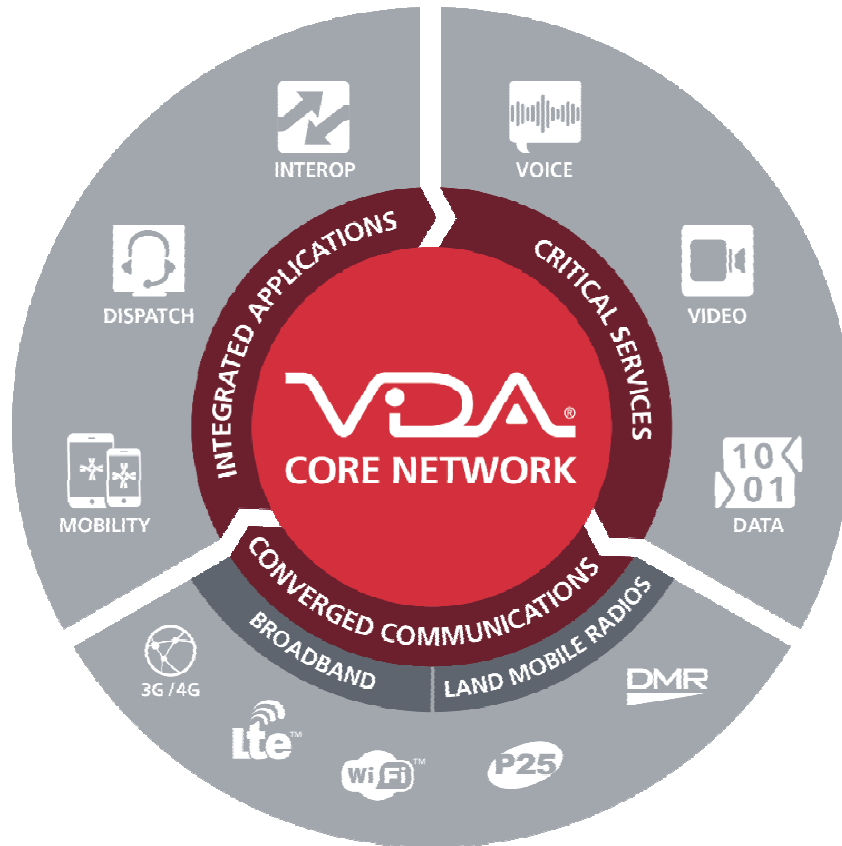
| E/C | Model No.      | List Price \$ | Description   |
|-----|----------------|---------------|---|
| C   | NM-VM2M-HD     | 100,000.00    | HARD DRIVE, EDATA GW VM SOFTWARE  |
| C   | NM-VM2E-LOC-HD | 83,500.00     | HARD DRIVE, ISSI GW VMWARE SW, LOCATION HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well |
| C   | NM-VM2E-HD     | 83,750.00     | HARD DRIVE, ISSI GW VMWARE SW, APP/HW HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well   |
| C   | NM-VM2A-HD     | 78,000.00     | HARD DRIVE, KMF VMWARE SW   |
| C   | NM-VM2X-HD     | 35,000.00     | HARD DRIVE, STATUSAWARE VM SW, 100 DEVICES  |
| C   | NM-VM2D-HD     | 18,750.00     | HARD DRIVE, RADIO TEXTLINK VMWARE SW  |
| C   | VSSUMSVM-HD    | 10,000.00     | HARD DRIVE, SUMS 2.0 VMWARE SW  |
| C   | VSEPOVM-HD     | 3,500.00      | HARD DRIVE, EPOLICY ORCH VMWARE SW  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



**VIDA® CONNECT**

Band: N/A  
 Product Code: NA



Contact System Solution Engineering (SSE) for quotes and configurations for VIDA Connect. The following is for information only.

**VIDA CONNECT**

The L3Harris Voice, Interoperability, Data, and Access (VIDA®) network solution supports the use of appropriately selected technologies to achieve an overall network solution that best serves the diverse needs of all user groups operating on the system. The result is a single integrated, cost-effective IP-based communications infrastructure that is scalable, flexible, and easily expanded. The wide dynamic range of technologies supported by the VIDA network opens the door of interoperability between L3Harris systems, other manufacturers, and many past, present, and future LMR technologies.

VIDA Connect, combined with a VIDA Premier core, extends the network from a centralized network to a distributed network. VIDA Connect provides a cost-effective solution for adding regions or local service areas to a system while improving services to the area being served. Call traffic within a VIDA Connect region is routed locally while the VIDA Premier core provides management and support functions. This methodology of network management improves geographically challenged backhaul situations, lowers the cost of ownership, improves network security, and builds additional redundancy in a distributed network. With VIDA Connect, critical services during network outages are maintained with the VIDA Premier core.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**VIDA® CONNECT**

Band: N/A

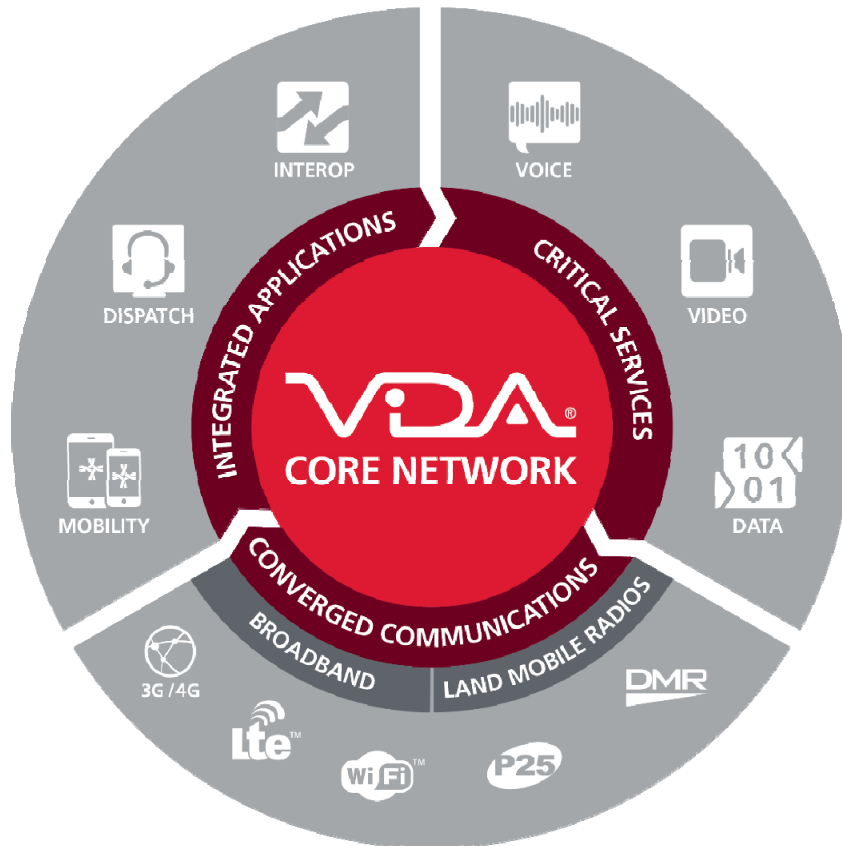
Product Code: NA

Contact System Solution Engineering (SSE) for quotes and configurations for the VIDA Connect. The following is for information only.

| Standard Equipment   | Standard Features   | Available Options  |
|--|---|--|
| <ul style="list-style-type: none"><li>• VIDA Application Server</li><li>• Networking Equipment</li></ul> | <ul style="list-style-type: none"><li>• Real Time Voice, Management, and Administration Applications</li><li>• Support for Single-Region VIDA Systems</li><li>• Application High Availability</li></ul> | <ul style="list-style-type: none"><li>• Location High Availability</li></ul> |

## VIDA® ESSENTIALS

Band: N/A  
 Product Code: NA



Contact System Solution Engineering (SSE) for quotes and configurations for VIDA Essentials. The following is for information only.

### VIDA ESSENTIALS

The L3Harris Voice, Interoperability, Data, and Access (VIDA®) network solution supports the use of appropriately selected technologies to achieve an overall network solution that best serves the diverse needs of all user groups operating on the system. The result is a single integrated, cost-effective IP-based communications infrastructure that is scalable, flexible, and easily expanded. The wide dynamic range of technologies supported by the VIDA network opens the door of interoperability between L3Harris systems, other manufacturers, and many past, present, and future LMR technologies.

The VIDA services platform is a fully integrated solution that provides unified interoperable communications for voice, data, and applications across a multitude of technologies ranging from LMR narrowband to LTE broadband data networks. As a member of L3Harris’ VIDA product family, the VIDA Essentials solution is primarily designed for small-sized single-region systems. VIDA Essentials allows linking multiple agencies, radio vendors, frequencies, and protocols through a common IP network infrastructure. The VIDA network may be configured to provide simultaneous IP connectivity to other Land Mobile Radio technologies such as P25 Trunking (Phase 1 and Phase 2), P25 Conventional, VIDA Broadband, VIDA LTE, and BeOn® systems.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**VIDA® ESSENTIALS**

Band: N/A

Product Code: NA

| Standard Equipment   | Standard Features  | Available Options   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• VIDA Application Server</li> <li>• Networking Equipment</li> <li>• A VIDA core for smaller systems</li> </ul> | <ul style="list-style-type: none"> <li>• Real Time Voice, Management, and Administration Applications</li> <li>• Voice High Availability</li> <li>• VIDA Transcoder</li> <li>• SUMS Application</li> </ul> | <ul style="list-style-type: none"> <li>• Cybersecurity Product Options</li> <li>• ISSI Gateway Application</li> <li>• Key Management Facility Application</li> <li>• Encompass Gateway with DFSI</li> <li>• StatusAware Location Gateway</li> <li>• Key Management Facility (KMF)</li> <li>• Firepower Management Center</li> </ul> |

| E/C   | Model No.      | List Price \$ | Description  |
|---|----------------|---------------|--|
| The following options are virtual machines (VMs) to add to the VIDA Essentials primary core (VASA): |                |               |  |
| C   | NM-VM2E-LOC-HD | 83,500.00     | HARD DRIVE, ISSI GW VMWARE SW, LOCATION HA<br>Upgrade option to add ISSI to a VIDA Essentials system is available when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well. |
| C   | VSSUMSVM-HD    | 10,000.00     | HARD DRIVE, SUMS 2.0 VMWARE SW<br>Upgrade option requires SUMS Endpoint and Core licenses  |

The VIDA Essentials primary core (VASA) utilizes the Essentials VASC and the Essentials Access Switch (EAS) for additional options. The VASC and the EAS are listed below and are to be configured in Falcon for new systems:

|    |         |           |  |
|----|---------|-----------|--|
| VN | NS-PN1A | 24,995.00 | SERVER, VASC, ESSENTIALS (Required for options listed below) |
| VN | VS-CU8Y | 1,050.00  | SWITCH, C1000-8T-2G-L (Required for options listed below)    |
| VN | VS-CR3C | 2,000.00  | ROUTER, APP, C921-4P (Required for StatusAware and KMF)      |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**VIDA® ESSENTIALS**

Band: N/A

Product Code: NA

| E/C   | Model No.  | List Price \$ | Description   |
|---|------------|---------------|---|
| The following options require the VASC and VIDA Essentials Access Switch (EAS): |            |               |   |
| C   | VSEPOVM-HD | 3,500.00      | HARD DRIVE, EPOLICY ORCH VMWARE SW<br>Upgrade option requires anti-virus and host intrusion detection licenses        |
| C   | NM-VM2A-HD | 78,000.00     | HARD DRIVE, KMF VMWARE SW (VASC)<br>Upgrade option to add KMF requires the VS-CR3C Home Agent Router                  |
| C   | NM-VM2X-HD | 35,000.00     | HARD DRIVE, STATUSAWARE VM SW, 100 DEVICES (VASC)<br>Upgrade option to add KMF requires the VS-CR3C Home Agent Router |
| C   | NG-SW1F-HD | 5,000.00      | HARD DRIVE, SW, ENCOMPASS GW FOR DFSI (VAC)   |
| VN  | VS-CR62    | 3,105.00      | FIREWALL, ASA5506-X W/SEC+/FIREPOWER  |
| VN  | VS-CR88    | 2,823.76      | FIREWALL, ASA5506-X W/DES/FIREPOWER   |
| VN  | VS-CR58    | 815.00        | VM, FIREPOWER MGMT CENTER, 2 DEVICE   |
| VN  | VS-CR59    | 3,258.00      | VM, FIREPOWER MGMT CENTER, 10 DEVICE  |

The following router are options for Encrypted IP links:

|    |         |          |                                 |
|----|---------|----------|---------------------------------|
| VN | VS-CR70 | 6,850.00 | ROUTER, ISR4321 AX APP &SEC LIC |
| VN | VS-CR1Y | 3,100.00 | ROUTER, ISR, C1111-4P, SEC      |
| VN | VS-CR3C | 2,000.00 | ROUTER, APP, C921-4P            |

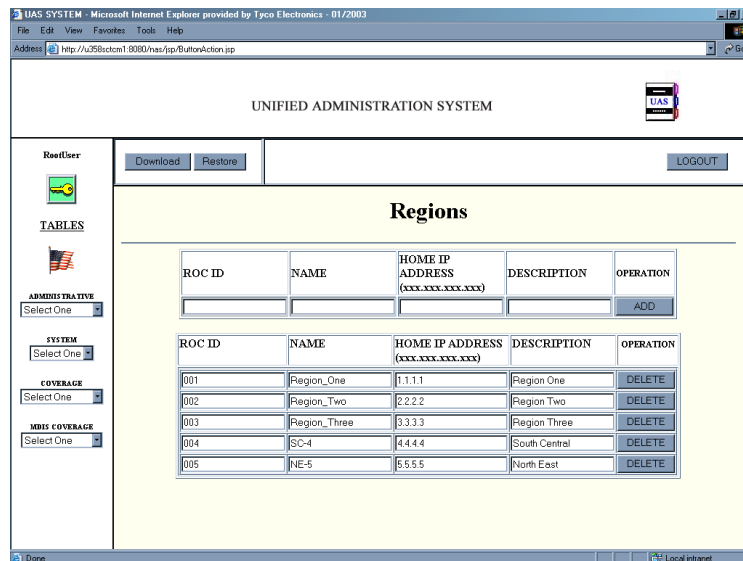
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

*This page intentionally blank*

## UNIFIED ADMINISTRATION SYSTEM (UAS)

Band: N/A

Product Code: NA



Contact System Solution Engineering (SSE) for quotes and configurations on the Unified Administration System (UAS). The following is for information only.

### UNIFIED ADMINISTRATION SYSTEM

The Unified Administration System (UAS) is the centralized access point from which the VIDA® network is provisioned. The UAS is L3Harris-developed software deployed in three tiers – Network Administration System, Network Provisioning Server, and Relational Database Management System. The design of the UAS eases the burden of radio system administrators by providing a tool with intuitive interfaces, integrity checking, and utilities. Customizable security schemes allow operation privileges to be defined on a user basis.

The UAS provides a database of resource pools from which agencies may configure dynamic provisioning properties for the Network Switching Server, base stations, radios, and vehicular repeaters. The UAS software runs on a Virtual Machine on the VIDA Application Server (VAS) on VIDA Premier and VIDA Unite cores.

### Standard Features

- Fleet Mapping
- Dynamic talkgroup setup for interoperability
- IP-based network administration tool built on World Wide Web technology
- Web-browser access providing an intuitive operator interface
- Implementation of a commercial off-the-shelf relational database management system provides data integrity, preventing users from inadvertently corrupting the system
- User class-based security management

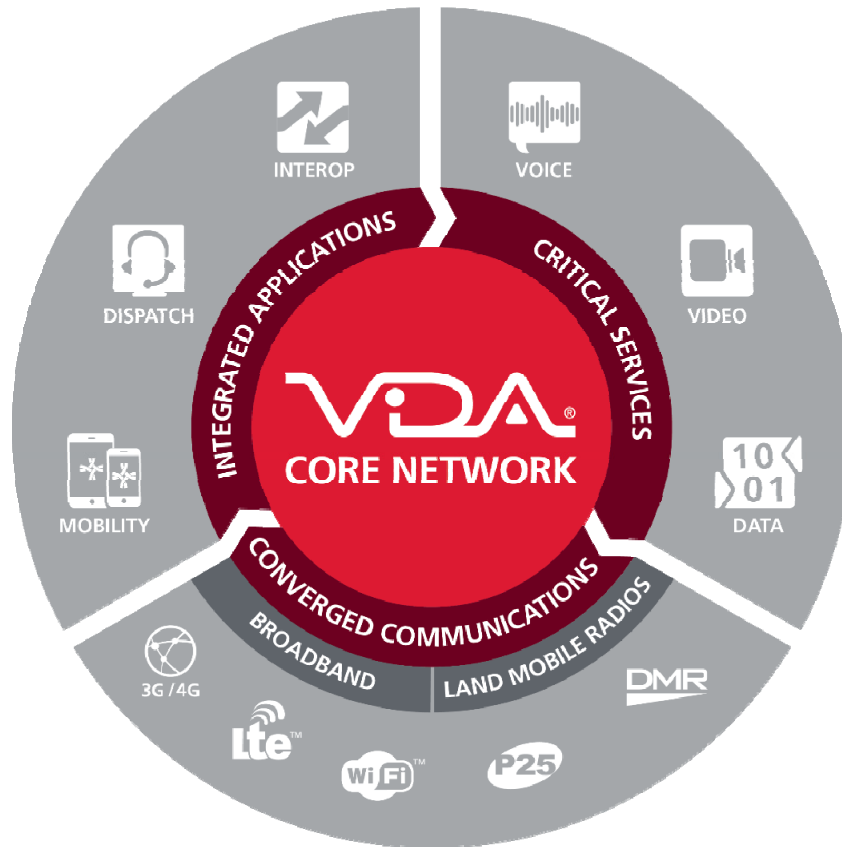
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

*This page intentionally blank*



**VIDA® VIRTUAL SITE**

Band: N/A  
 Product Code: SA



**Contact System Solution Engineering (SSE) for quotes and configurations for VIDA Virtual Site. The following is for information only.**

VIDA Virtual Site (VVS) provides site management and data communication services for transmit sites in a VIDA P25 Network. Built on a ruggedized industrial computing platform, VVS employs Virtual Machine (VM) technology to host site management and IP data mobility applications.

The VVS Network Sentry application runs on a Windows® 10 VM to provide site, call, and fault monitoring services. VVS also employs the P25 Mobile IP Subsystem (PMIPS) application running on a Linux® VM to provide subscribers with P25 IP network data capabilities.

The VIDA Virtual Site can also be custom configured with optional modular Input/Output (IO) adapters for analog and digital input alarms and outputs for remote control of site equipment. Alarms are sent to VIDA network management systems to highlight the location of potential problems or provide detailed information about the severity, status, and reason for failures. The VVS's various I/Os can be configured to indicate faults in remotely controlled and monitored devices including tower beacons, doors, and temperature alarms. Each installation can be independently configured for the unique I/O requirement of each site and scaled to add additional modules if requirements grow over time.

**VIDA® VIRTUAL SITE**

Band: N/A

Product Code: SA

| Standard Equipment   | Standard Features   | Available Options   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• VIDA Edge Site Manager Computer</li> <li>• Network Sentry application installed in Windows 10 virtual machine</li> <li>• DIN Rail, mounting hardware</li> </ul> | <ul style="list-style-type: none"> <li>• Network Sentry application for site, call, and fault monitoring</li> </ul> | <ul style="list-style-type: none"> <li>• P25 Mobile IP Subsystem application for P25 packet data services</li> <li>• AC or DC power options</li> <li>• Site Input and Output modules</li> </ul> |

| E/C | Model No.  | List Price \$ | Description                             |
|-----|------------|---------------|---|
| C   | SAMD8E     | 21,950.00     | SITE MANAGER, VIDA EDGE                 |
| C   | SAMD8E-UPG | 11,000.00     | SITE MGR, NWS HARDWARE TO VIDA EDGE UPG |
| N   | SAMD8G     | 1,830.00      | CONTROLLER, DIGITAL I/O                 |
| N   | SAMD8H     | 690.00        | MODULE, DIGITAL INPUT (16) ACTIVE HIGH  |
| N   | SAMD9B     | 690.00        | MODULE, DIGITAL INPUT (16) ACTIVE LOW   |
| N   | SAMD8P     | 690.00        | MODULE, DIGITAL OUTPUT SOURCE (16)      |
| N   | SAMD8J     | 690.00        | MODULE, DIGITAL OUTPUT SINK (16)        |
| N   | SAMD8K     | 690.00        | MODULE, DIGITAL IN (8) & OUT SOURCE (8) |
| N   | SAMD8L     | 1,180.00      | MODULE, ANALOG INPUT (8)                |
| N   | SAMD8M     | 620.00        | POWER INPUT, ADDITIONAL CAPACITY        |
| N   | SAMD8F     | 495.00        | POWER SUPPLY, AC, VIDA EDGE             |
| N   | SAMD8R     | 255.00        | POWER SUPPLY, DC, VIDA EDGE             |
| N   | SAMD8V     | 420.00        | POWER OPTION, AUX AC, VIDA EDGE         |
| N   | SAMD8W     | 495.00        | AC POWER SUPPLY, 240V, 2 PHASE          |
| N   | SAMD8X     | 420.00        | AUX AC POWER SUPPLY, 240V, EURO PLUG    |
| N   | SAMD9A     | 495.00        | AC POWER SUPPLY, 240V, 1 PHASE          |
| N   | SAMD8N     | 10,600.00     | SITE MOBILE DATA, VIDA EDGE             |
| N   | SAMD9K     | 21,950.00     | SITE MANAGER, TWO47, VIDA EDGE          |
| N   | SAMD9L     | 1,830.00      | CONTROLLER, TWO47, DIGITAL I/O          |
| N   | SAMD9J     | 255.00        | POWER SUPPLY, TWO47 DC, VIDA EDGE       |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## PATHWAY+ ANALOG RADIO GATEWAY

Band: N/A

Product Code: VS



Contact System Solution Engineering (SSE) for quotes and configurations on the Pathway+ Analog Radio Gateway. The following is for information only.

### PATHWAY+ ANALOG RADIO GATEWAY

The Pathway+ Analog Gateway is a software-based multi-channel analog voice interface for the digital network. It converts analog audio from a conventional radio system to digital audio using the P25 Digital Fixed Station Interface (DFSI). It then transports that audio to the Encompass Gateway, which maps the DFSI talkpaths to VIDA® P25 Talkgroups.

The flexible design of the Pathway+ Analog Gateway means that it can be installed at the VIDA core or distributed to sites where the base stations or repeaters are located. In addition, multiple gateways can be installed at any suitable location to provide interoperability between any number of analog and digital voice connections.

### Standard Features

- Digital Voice Coding using P25 or ADPCM vocoders
- Symphony™ Conventional Control Module
- Analog FM Interoperability
- Expandable Channel Capacity
- AC and DC Power
- Tone Remote Control
- FIPS-140-2 Compliant Voice Encryption

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## PATHWAY+ ANALOG RADIO GATEWAY

Band: N/A

Product Code: VS

| E/C | Model No.    | List Price \$ | Description                                  |
|-----|--------------|---------------|--|
| VN  | VS-CU9M      | 6,000.00      | KIT, PATHWAY ANALOG GATEWAY W ENCRYPTION     |
| VN  | VS-CU9J      | 3,000.00      | KIT, PATHWAY ANALOG GATEWAY                  |
| VN  | VS-CU9K      | 139.00        | KIT, RACK MOUNT, PATHWAY SINGLE UNIT         |
| VN  | VS-CU9L      | 194.00        | KIT, RACK MOUNT, PATHWAY DUAL UNIT           |
| VN  | VS-PS3W      | 155.00        | POWER SUPPLY, AC, PATHWAY                    |
| V   | SAMD9F       | 155.00        | POWER SUPPLY, DC, PATHWAY ANALOG GATEWAY     |
| S   | A10-0480-002 | 890.00        | CONVERTER, AC/DC 12V, 1596W, 133A, RACKMOUNT |
| N   | SA-MA7G      | 7.00          | BRACKET, DIN RAIL, PATHWAY DC-DC CONVERTER   |
| N   | VS-CK4R      | 22.00         | CABLE, 4-WIRE ANALOG INTERFACE               |
| N   | VS-CK4U      | 22.00         | CABLE ASSY, 10 FT, PATHWAY+ INTERFACE        |
| N   | VS-CK4T      | 15.00         | CABLE, ETHERNET w SHIELD CAT6A BLK 6FT       |
| N   | NS-SJ4C      | 500.00        | LICENSE, PATHWAY TALKPATH                    |
| N   | NS-SJ4D      | 5,000.00      | LICENSE, PATHWAY APPLICATION                 |
| N   | NS-SJ4E      | 15,560.00     | LICENSE, PATHWAY SITE, 4 TALKPATHS           |
| N   | NS-SJ4F      | 11,578.00     | LICENSE, PATHWAY SITE, 8 TALKPATHS           |
| N   | NS-SJ4G      | 7,595.00      | LICENSE, PATHWAY SITE, 12 TALKPATHS          |
| N   | NS-SJ4L      | 14,998.00     | LICENSE, PATHWAY SITE, 4 TALKPATH w FIPS     |
| N   | NS-SJ4M      | 10,454.00     | LICENSE, PATHWAY SITE, 8 TALKPATH w FIPS     |
| N   | NS-SJ4N      | 5,909.00      | LICENSE, PATHWAY SITE, 12 TALKPATH w FIPS    |
| N   | NS-SJ4P      | 1,750.00      | LICENSE, DFSI TALKPATH, PATHWAY W FIPS       |

## VIDA® INTER-RF SUBSYSTEM INTERFACE (ISSI) GATEWAY

Band: N/A

Product Code: NM



**Contact System Solution Engineering (SSE) for quotes and configurations on the VIDA ISSI. The following is for information only.**

### VIDA ISSI

The Inter-RF Subsystem Interface (ISSI) Gateway provides network-level interoperability between Project 25 Voice, Interoperability, Data, and Access (VIDA) systems and other ISSI-compatible systems. The ISSI Gateway not only allows for inter-system communication but also provides the interface that enables radios to roam between systems.

The ISSI Gateway is based on the Inter-RF Subsystem Interface standard, issued by the Telecommunications Industry Association (TIA) responsible for publishing the Project 25 Land Mobile Radio standards. TIA document TIA-102.BACA defines the interface that provides for interoperability between RF Subsystems (RFSS) regardless of the system manufacturer.

L3Harris' ISSI Gateway is a software application that resides on the VIDA Application Server (VAS) and can be added to any VIDA network through the creation of a Virtual Machine (VM) on that server. A single instance of the ISSI Gateway application can support connections to multiple foreign RF Systems simultaneously, allowing the L3Harris system to be a part of a large wide-area network.

#### Standard Features

- Group Calls
- Emergency Calls
- Group and Unit registration
- Call Arbitration
- Fault reporting to the Regional Network Manager
- Provides Call Activity to the Activity Warehouse
- CSSI Support

#### Optional Features

- Supports up to 200 concurrent group calls
- Interface to up to 100 RFSSs
- Redundancy

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**VIDA® INTER-RF SUBSYSTEM INTERFACE (ISSI) GATEWAY**

Band: N/A

Product Code: NM

| E/C | Model No.      | List Price \$ | Description  |
|-----|----------------|---------------|--|
| C   | NM-VM2E-LOC-HD | 83,500.00     | HARD DRIVE, ISSI GW VMWARE SW, LOCATION HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well. |
| C   | NM-VM2E-HD     | 83,750.00     | HARD DRIVE, ISSI GW VMWARE SW, APP/HW HA<br>Upgrade option to add ISSI to an SR10A.x VIDA Premier or Unite system when purchased with associated Talkpath and External System Connection licenses. Note that system must also include VSCR21 Internet Firewall(s) and internet access as well.   |
| LD  | NM-SG9F        | 50,000.00     | LICENSE, ISSI EXTERNAL SYSTEM CONNECTION   |
| LD  | NM-SG9E        | 2,500.00      | LICENSE, ISSI GATEWAY TALKPATH   |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## ENCOMPASS GATEWAY FOR DFSI

Band: N/A  
 Product Code: NG



Contact System Solution Engineering (SSE) for quotes and configurations for the Encompass Gateway. The following is for information only.

### ENCOMPASS GATEWAY

The Encompass Gateway for Digital Fixed Station Interface (DFSI) provides the capability for a VIDA® Network to interface to any P25 Conventional Base Station which supports the DFSI P25 TIA-102 BAHA Fixed Station Interface. The application provides configuration, call control, and audio processing into and out of the VIDA Network for up to 24 connected stations. The Encompass Gateway for DFSI application runs on the VIDA Application Server (VAS) as a Virtual Machine (VM) to minimize the cost of the overall solution. This allows CPU capabilities to be shared among the other VMs on the VAS and the VAS can be sized according to the needs of the aggregate requirements of all the VMs. The Encompass Gateway communicates via IP protocol to DFSI-capable base stations. No additional third-party hardware is required, other than networking equipment such as routers. VIDA is the only LMR solution which can integrate standards-based P25 Trunked and Conventional sites on a Common Core.

Encompass Gateway for DFSI software can be added to any VIDA Core running the SR10A.4 or later System Release. One copy of the Encompass Gateway software and one DFSI talkpath license for each DFSI-capable base station to be interfaced to the VIDA Core must be ordered. If the VIDA Application Server is being upgraded to SR10A.4 from an older System Release, a Windows® 2016 Server license must also be ordered as the Encompass Gateway runs on Windows 2016.

## ENCOMPASS GATEWAY FOR DFSI

Band: N/A

Product Code: NG

### Standard Equipment

- Encompass Gateway for DFSI software VM Image

### Standard Features

- Unencrypted Group Calls
- Encrypted Group Calls
- Emergency Group Calls
- Caller ID in both directions
- Support for Phase 1 and Phase 2 Voice with VIDA® Transcoder
- Console Preempt
- Patch and Simulselect
- Convert DFSI Emergency Alarm to VIDA Unit Alert
- Fault Monitoring with ENM
- Device Manager Configuration support
- Support for Analog (G.711)
- Channel Select
- Repeat Mode Enable/Disable
- Monitor Mode On/Off
- Scan Enable/Disable

| E/C   | Model No.     | List Price \$ | Description                                |
|---|---------------|---------------|--|
| <b>Order one copy of the Encompass Gateway software and one DFSI talkpath license for each DFSI-capable base station to be interfaced to the VIDA Core.</b> |               |               |  |
| C   | NG-SW1F-HD    | 5,000.00      | HARD DRIVE, SW, ENCOMPASS GATEWAY FOR DFSI |
| VN  | NG-SH2Y       | 2,500.00      | LICENSE, DFSI TALKPATH                     |
| S   | 14031-0004-13 | 975.00        | LICENSE, WINDOWS SERVER 2016, STANDARD     |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.



## VIDA® TRANSCODER

Band: N/A  
 Product Code: NM



**Contact System Solution Engineering (SSE) for quotes and configurations on the VIDA Transcoder. The following is for information only.**

### VIDA TRANSCODER

The VIDA Transcoder is an L3Harris application that allows multiple over-the-air interfaces to exist on a single VIDA communication system. The VIDA Transcoder changes vocoder types at the IP-level to allow for seamless communications between users. Enhanced Dual Data Mode (EDDM) operation which optimizes the P25 vocoder type used on a per-call, per-site basis is achieved through the capabilities of the VIDA Transcoder. Additionally, if the L3Harris system is connected to other RF-systems via the Inter-Subsystem Interface (ISSI), the VIDA Transcoder will allow connections to both P25 Phase 1 and Phase 2 foreign systems regardless of the mode of operation of the home L3Harris system.

The VIDA Transcoder is an application which comes standard as a virtual machine on all VIDA Application Servers (VAS). Redundant instances of the VIDA Transcoder are loaded onto the server to enhance redundancy.

### Standard Features

- Mixed-mode systems support using the P25 Phase 1 or P25 Phase 2 vocoders or the ADPCM CODEC
- Multiple Agency support on a single transcoder
- Configuration via the Device Manager
- Supports Group, Instantaneous, and Patch/SS calls

| E/C | Model No. | List Price \$ | Description                  |
|-----|-----------|---------------|------------------------------|
| LD  | NM-SG9D   | 2,500.00      | LICENSE, TRANSCODER TALKPATH |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



*This page intentionally blank*

## VIDA® TELEPHONE INTERCONNECT (VTI)

Band: N/A

Product Code: NW



**VIDA Telephone Interconnect is a Virtual Machine application for the Premier Network Switching Center. Contact System Solution Engineering (SSE) for quotes and configurations on VIDA Telephone Interconnect. The following is for information only.**

### VIDA TELEPHONE INTERCONNECT

VIDA Telephone Interconnect (VTI) provides L3Harris radio system users the capability to make and receive calls from a Public Switched Telephone Network (PSTN). Authorized radio users can call external numbers and receive calls from outside lines. Additionally, external users can make group-based in-bound calls. This can be useful when a supervisor is out of the radio coverage area but needs to communicate with a set of users.

The VTI is highly configurable to

- ensure only authorized users have access to the interconnect capability
- limit the numbers which can be dialed (e.g., long distance restrictions)
- limit the length of calls and the number of concurrent interconnect calls to minimize queuing of RF resources

### Standard Features

- Inbound and outbound selective (private) calling for P25<sup>IP</sup> radio users
- Inbound group calls
- Supports up to 30 concurrent telephone interconnect calls
- Programmable toll-call restrictions
- Automatic line clearing
- Call Activity Reports
- International Ring Tones

**VIDA® TELEPHONE INTERCONNECT (VTI)**

Band: N/A

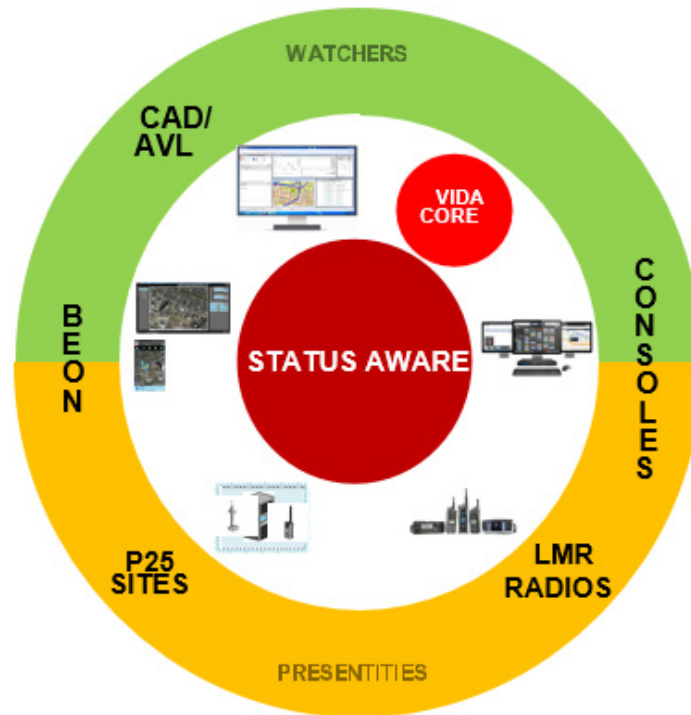
Product Code: NW

| E/C                           | Model No.     | List Price \$ | Description  |
|-------------------------------|---------------|---------------|--|
| <b>Premier and Unite Core</b> |               |               |  |
| C                             | NW-VM2F       | 30,000.00     | SOFTWARE, VTI, VM  |
| VN                            | VSCR20        | 6,298.08      | ROUTER, 2911, VOICE SEC BNDL, UC/SEC LIC                                     |
| VN                            | VSCR19        | 5,790.58      | ROUTER, 2911, UC BNDL WITH UC, CME/SRST LIC                                  |
| N                             | MANW-NSN7R    | 2,500.00      | LICENSE, VTI TALKPATH  |
| N                             | 14002-0208-01 | 0.01          | ASTERISK LICENSE TYPE, A10 Supports a maximum of 1 to 10 simultaneous calls  |
| N                             | 14002-0208-02 | 0.01          | ASTERISK LICENSE TYPE, A20 Supports a maximum of 11 to 20 simultaneous calls |
| N                             | 14002-0208-03 | 0.01          | ASTERISK LICENSE TYPE, A40 Supports a maximum of 21 to 40 simultaneous calls |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## STATUSAWARE FOR LOCATION SERVICES

Band: N/A  
 Product Code: NM



Contact System Solution Engineering (SSE) for quotes and configurations for the StatusAware application. The following is for information only.

### STATUSAWARE

L3Harris’ StatusAware is a centralized application hosted on the VIDA® Core server. StatusAware collects GPS location and Presence information from communication devices called “presentities”, stores it into a central database, and provides the updates to subscribed applications called “watchers”. Previously, CAD/AVL vendors were responsible for providing the Location Service Host System (LSHS) function that contacted each radio, initiated location updates, received the updates and then forwarded them to an integrated mapping function. The StatusAware application provides the LSHS function, eliminating the need to develop and maintain an interface to each radio type in the VIDA system. It provides a single-entry point through which external systems such as CAD servers may be kept apprised of the status and location of VIDA group members.

- StatusAware can be added to any VIDA Core at System Release SR10A.2 or later. The software and licenses required are shown on the following page.
- L3Harris radios must be configured separately with either Tier 2 GPS or In-Band GPS enabled.
- If the VIDA System is not already enabled for Data operations (required for Tier 2 GPS):
  - The Home Agent Router shown on the following page must be ordered.
  - The appropriate RF Site Data equipment and licenses must be ordered. This should be reviewed with L3Harris System Solution Engineering.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## STATUSAWARE FOR LOCATION SERVICES

Band: N/A

Product Code: NM

| Standard Equipment   | Standard Features   | Optional Features  |
|--|---|--|
| <ul style="list-style-type: none"> <li>StatusAware software VM Image</li> <li>License for 100 devices</li> </ul> | <ul style="list-style-type: none"> <li>GPS updates with time stamp</li> <li>Caller ID</li> <li>Caller Alias</li> <li>Group ID</li> <li>Support for In-Band GPS</li> <li>Support for Tier 2 GPS</li> </ul> | <ul style="list-style-type: none"> <li>Licenses for additional devices up to for 32,000</li> </ul> |

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

Order one copy of the StatusAware software and the appropriate number of StatusAware device licenses. The first 100 device licenses are included at no charge.

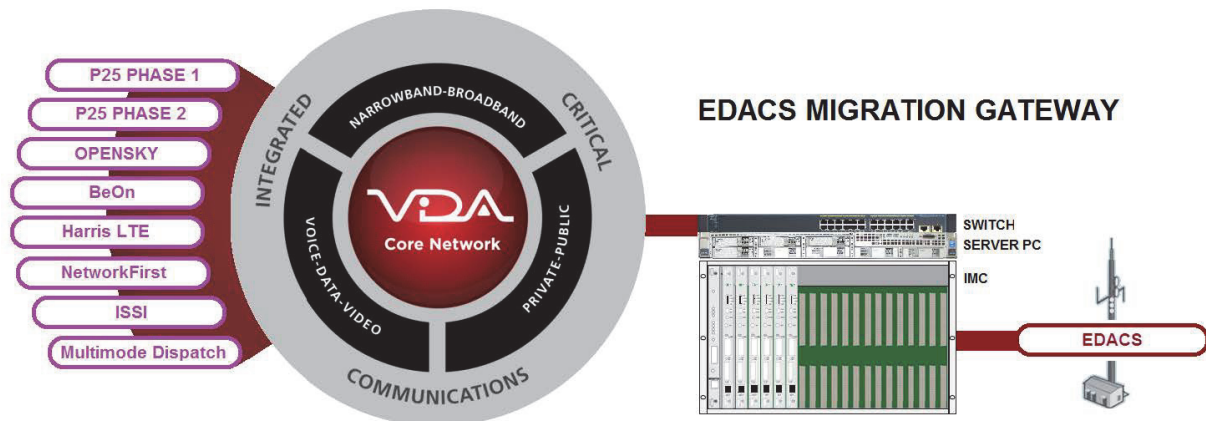
|    |            |           |  |
|----|------------|-----------|--|
| C  | NM-VM2X-HD | 35,000.00 | HARD DRIVE, STATUSAWARE VM SW, 100 DEVICES |
| VN | NM-SH5N    | 40.00     | LICENSE, STATUSAWARE, 101-500 DEVICES      |
| VN | NM-SH5P    | 35.00     | LICENSE, STATUSAWARE, 501-1000 DEVICES     |
| VN | NM-SH5R    | 30.00     | LICENSE, STATUSAWARE, 1001-5000 DEVICES    |
| VN | NM-SH5T    | 25.00     | LICENSE, STATUSAWARE, 5001-10000 DEVICES   |
| VN | NM-SH5U    | 20.00     | LICENSE, STATUSAWARE, 10000+ DEVICES       |
| VN | VS-CR3C    | 2,000.00  | ROUTER, APP, C921-4P                       |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## EDACS® MIGRATION GATEWAY

Band: N/A

Product Code: MS



All EDACS Migration Gateway orders must be placed through the Product Configurator. The following is for information only.

### EDACS Migration Gateway

The EDACS Migration Gateway (EMG) provides internetworking between an Enhanced Digital Access Communications System (EDACS) network and a P25 network. The EDACS Migration Gateway also allows the Symphony™ Console to be used for dispatching on a P25 system. The EDACS Migration Gateway requires the VIDA SR10A System Release software and IMC R9 software.

The EMG is part of an EDACS migration solution that includes L3Harris unique multi-mode radios. Only L3Harris can provide the call functionality required for a seamless upgrade and the flexibility to migrate over a period of time as customer budgets allow.

#### Standard Equipment

- IMC cards supporting up to 4 full-duplex talkpaths (support up to 24 talkpaths available)
- EDACS Migration Gateway Computer
- Networking equipment including router, switch, router modules, and cabling

#### Standard Features

- Up to 24 full duplex talkpaths
- Group Calls between EDACS® and P25 talkgroups
- Individual/Selective calls between EDACS and P25 radios
- Patch and Simulselect between EDACS and P25 talkgroups
- Console Pre-emption
- Caller IDs passed between EDACS and P25 systems

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

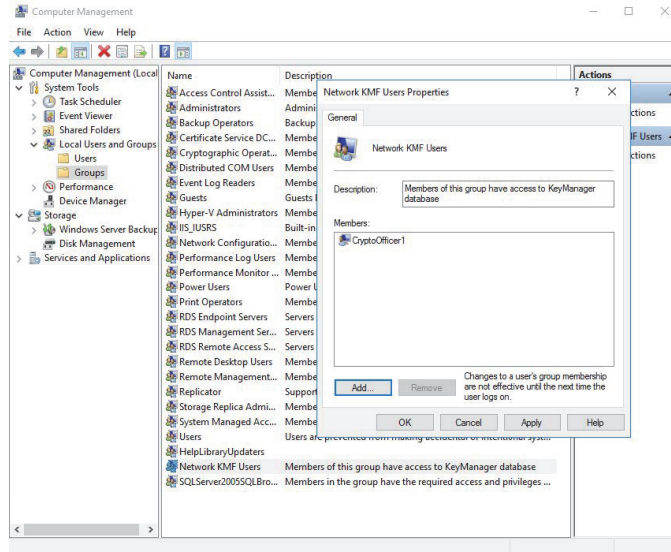
*This page intentionally blank*



## P25<sup>IP</sup> NETWORK KEY MANAGEMENT FACILITY (KMF)

Band: N/A

Product Code: NM



### Standard Features

- VIDA® Application Server (VAS) 2008 R2
- Supports OTAR to subscriber units
- Network-based rekeying for infrastructure equipment
- Up to 61K AES traffic keys

All KMF orders must be placed through the Product Configurator. The following is for information only.

| E/C                       | Model No.  | List Price \$ | Description   |
|---------------------------|------------|---------------|---|
| <b>KMF Network Server</b> |            |               |   |
| C                         | NM-VM2A-HD | 78,000.00     | HARD DRIVE, KMF VMWARE SW Can be added to an SR10A VIDA Premier system when purchased with associated Agency licenses |
| LD                        | NM-SG8J    | 40,000.00     | LICENSE, ADD AGENCY 2-5, NETWORK KMF  |
| N                         | NM-VM3C    | 25,000.00     | SOFTWARE, SKE VM  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

*This page intentionally blank*

## PROVOICE™, EDACS®, AND P25<sup>IP</sup> KEY MANAGER

Band: N/A

Product Code: CDR



### Standard Equipment

- User Software for loading keys (unlimited copies)
- Administration Software
- ProVoice™ and EDACS® DES, P25<sup>IP</sup> DES, and P25<sup>IP</sup> AES
- USB Flash Drive

### Optional Features

- Two Levels of Authentication
- Loads encryption keys for the following radios:
  - XL-400P
  - XL-200P
  - XL-185P
  - XL-150P
  - XL-95P
  - XL-45P
  - Unity® XG-100P
  - XG-75P
  - XG-25P
  - XG-15P
  - P7300
  - P7200
  - P7100<sup>IP</sup>
  - P5500
  - P5400
  - P5300
- XL-200M
- XL-185M
- XL-85M
- Unity XG-100M
- XG-75M/M7300
- XG-25M
- M7200
- M7100<sup>IP</sup>
- M5300

**NOTE:** PC-based Key Manager software is not used with 800 MHz P7100<sup>IP</sup> models RU101219V32 and RU101219V33.

## PROVOICE™, EDACS®, AND P25<sup>IP</sup> KEY MANAGER

Band: N/A

Product Code: CDR

| E/C | Model No.    | List Price \$ | Description                          |
|-----|--------------|---------------|--------------------------------------|
| S   | TQS3416      | 2,125.00      | SOFTWARE, KEY MANAGER ADMINISTRATION |
| S   | A30-0958-002 | 150.00        | USB FLASH DRIVE 4GB ENCRYPTED        |

### Options

|   |        |        |   |
|---|--------|--------|---|
| S | TQ3410 | 80.00  | CABLE, KEY MANAGER, M7100IP MOBILE, INSTALLED   |
| S | TQ3409 | 130.00 | CABLE, KEY MANAGER, M7100IP MOBILE, UNINSTALLED |

**NOTE:** All radios except the P7100<sup>IP</sup> and M7100<sup>IP</sup> use the standard Radio Personality Programming cables found in section 6.

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD



### SYMPHONY

The Symphony Dispatch Console is L3Harris' latest offering in IP dispatch technology based on the Microsoft® Windows® operating system. Featuring immediate accessibility to critical information in dedicated on-screen modules, it represents the dispatcher's best weapon in the fight against time in dynamic scenarios. Built upon a ruggedized, long life, hardware platform, it is simple, organized, and efficient. The screen layout is easy to learn and operate, thereby maximizing productivity while minimizing training time.

#### Typical Configuration

- Single-piece, solid-state, purpose-built hardware platform
- 10 years MTBF
- Silent Operation
- 23-inch HD Color Monitor
- 2-Button Mouse
- Desktop Microphone
- Single Footswitch
- Up to 8 Speakers
- Operator's and Supervisor's Headsets
- Mounts on a desk, under a desk, or in a 19-inch rack

#### Licensed Features and Capabilities

- 1,000 Modules
- 16 Active Patches
- 32 Predefined Simulselects
- 14-character Alias
- 24-hour Instant Recall Recorder
- Unit and Group Emergency
- Group/Individual Calls
- Alert Tones
- Analog Conventional Paging
- Analog Conventional Base Station Control
- 16 Tabs or Folders
- 16 Password-protected User Setups

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD

Symphony Console systems ship from the L3Harris factory with licenses pre-installed according to the feature bundle purchased. The table below lists the standard bundles and the licenses included with each bundle.

### License Bundles for Symphony with Windows 10

| Bundle                     | Foundation | Maestro | Premier | Enterprise |
|----------------------------|------------|---------|---------|------------|
| Model Number               | UD-ZM1F    | UD-ZM1G | UD-ZM1E | UD-ZM1D    |
| Symphony Dispatch Platform | ☑          | ☑       | ☑       | ☑          |
| Individual Call            | ☒          | ☑       | ☑       | ☑          |
| Patch Definitions          | 2          | 10      | 16      | 32         |
| Patch Activations          | 1          | 6       | 8       | 16         |
| Simulselect Definitions    | 1          | 4       | 16      | 32         |
| FlexPaths                  | 8          | 8       | 12      | 24         |
| Local Baton                | ☑          | ☑       | ☑       | ☑          |
| Remote Baton               | ☒          | ☒       | ☑       | ☑          |
| Local Full Screen          | ☑          | ☑       | ☑       | ☑          |
| Speakers                   | 2          | 4       | 4       | 8          |
| User Set-ups/Screens       | 1          | 10      | 4       | 16         |
| Workspace Tabs             | 4          | 16      | 16      | 16         |
| Call Director              | ☒          | ☑       | ☑       | ☑          |
| Embedded Web Browser       | ☑          | ☒       | ☑       | ☑          |
| Dynamic Cross-Mute         | ☒          | ☑       | ☑       | ☑          |

☑ Enabled

☒ Not Enabled

## SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD

All Symphony Dispatch Console orders must be placed through the Product Configurator. The following is for information only. If configuring a Symphony console for a new system, the NSS console interface license and Talk Path Licenses (NS-SG2C) are automatically included under Network Switching Center in the Product Configurator. If configuring a Symphony console for an existing system, include NSS console interface license and console talk path licenses (NS-SG2C).

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>Feature Bundles</b>  |           |               |  |
| <b>Windows 10 (WIN10) Feature Bundles are required for SR10A.3 (and later) VIDA® networks.</b>  |           |               |  |
| <b>All bundles listed contain the Symphony Dispatch Platform and software feature licenses listed in the table. No accessories are included in the feature bundles, and all accessories must be ordered separately.</b> |           |               |  |
| C   | UD-ZM1D   | 63,500.00     | CONSOLE, BUNDLE, ENTERPRISE, WIN10   |
| C   | UD-ZM1E   | 50,500.00     | CONSOLE, BUNDLE, PREMIER, WIN10  |
| C   | UD-ZM1F   | 23,500.00     | CONSOLE, BUNDLE, FOUNDATION, WIN10   |
| C   | UD-ZM1G   | 37,160.00     | CONSOLE, BUNDLE, MIP FEATURES, WIN10   |
| <b>Software Options for Symphony</b>  |           |               |  |
| N   | UD-SH9F   | 22,000.00     | LICENSE KIT, MIP TO SYMPHONY SW UPGRADE<br>Includes local Symphony full screen operation, 6 patch activations, 10 patch definitions, 4 Simulselect definitions, I-Calls, 4-speaker license, 10 user setups, 16 workspace tabs, and Call Director. Bundle includes Microsoft Windows 10 Enterprise LTSB operating system for Symphony Dispatch Platform |
| N   | UD-SG2X   | 9,000.00      | LICENSE, LOCAL FULL SCREEN AND BATON<br>License is for the locally run full screen and baton user interfaces. Required as a minimum for every installation and included in each bundle   |
| N   | UD-SH3B   | 9,000.00      | LICENSE, REMOTE BATON<br>License is to allow the baton to run on a remote machine. Requires Software UD-SG1F   |
| N   | UD-SG1F   | 110.00        | SOFTWARE, REMOTE BATON<br>Requires License UD-SH3B   |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

**SYMPHONY™ DISPATCH CONSOLE**

Band: N/A

Product Code: UD

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>Software Options for Symphony (Cont'd)</b> |           |               |  |
| N   | UD-SH3C   | 10,200.00     | LICENSE, SYMPHONY CAD API<br>License is for the activation of the Symphony CAD application   |
| N   | UD-SG4W   | 9,000.00      | LICENSE, AES AND DES LEVEL ENCRYPTION<br>License is for the activation of AES and DES Encryption, OTAR or Manual key loading   |
| N   | UD-SH4V   | 6,500.00      | LICENSE, BASE SIP, 4 EXTENSIONS, 8 CALLS<br>License allows the Symphony console to connect up to 4 telephone extensions and process up to 8 simultaneous calls when connected to a Cisco® Unified Call Manager or Cisco Unified Call Manager Express |
| N   | UD-SG4V   | 5,550.00      | LICENSE, RTT/RSM FEATURES<br>License is for the activation of RTT/RSM features   |
| N   | UD-SG4X   | 5,000.00      | LICENSE, DES LEVEL ENCRYPTION<br>OTAR only. Manual key loading is not currently supported  |
| N   | UD-SG4S   | 5,000.00      | LICENSE, CALL DIRECTOR<br>License is for the activation of the Call Director feature   |
| N   | UD-SH7X   | 0.01          | LICENSE, EMBEDDED WEB BROWSER<br>License is for the activation of web browser capability   |
| N   | UD-SJ4G   | 3,000.00      | LICENSE, ADVANCE BACKUP RADIO<br>License is for the activation of the Advanced Backup Radio feature  |
| N   | UD-SG2U   | 2,500.00      | LICENSE, INDIVIDUAL CALLS<br>License is for the activation of the I-Call feature   |
| N   | UD-SH4U   | 2,500.00      | LICENSE, RADIO UNIT MONITOR<br>License allows monitoring of RUM-enabled P25 subscriber units. Requires SR10A.3 or later VIDA network   |
| N   | UD-SH4W   | 1,500.00      | LICENSE, SIP, ADD 4 EXTENSIONS, 8 CALLS<br>License provides capacity for 4 additional extensions and 8 additional calls. Requires License UD-SH4V  |
| N   | UD-SH5B   | 2,000.00      | LICENSE, BASE SIP, ADD TO ENT/PREM BUNDLE<br>License adds option UD-SH4V to Symphony Enterprise and Premier Console Bundles. Requires UD-ZM1D, UD-ZM1E, UD-ZN2A, or UD-ZN4Z  |
| N   | UD-SG4T   | 1,250.00      | LICENSE, CONVENTIONAL CONTROLS<br>License is for the activation of Basic Conventional  |
| N   | UD-SH4R   | 750.00        | LICENSE, DISCREET LISTENING<br>License allows Discreet Listening of P25 individual calls   |
| N   | UD-SG4U   | 1,000.00      | LICENSE, PAGING CAPABILITY<br>License is for the activation of paging features   |



**SYMPHONY™ DISPATCH CONSOLE**

Band: N/A

Product Code: UD

| E/C   | Model No. | List Price \$ | Description  |
|---|-----------|---------------|--|
| <b>Software Options for Symphony (Cont'd)</b> |           |               |  |
| N   | UD-SG4Y   | 750.00        | LICENSE, REMOTE AUX I/O<br>License is for activation of Remote Auxiliary Input/Output with the Network Sentry  |
| N   | UD-SG2V   | 700.00        | LICENSE, ADDS 2 PATCH DEF AND 1 PATCH ACT<br>License is for adding capability to patch. Each license includes 1 patch and 2 definitions. Symphony supports 16 patches and 32 patch definitions |
| N   | UD-SG2W   | 700.00        | LICENSE, ADDS 2 SMLST DEF<br>License is for adding capability to simuselect. Each license includes 2 simuselect definitions. Symphony supports 32 simuselect definitions                       |
| N   | UD-SG4P   | 500.00        | LICENSE, ADDS 2 USER SET-UPS/SCREENS<br>License is for 2 user-defined screens. Symphony supports up to 16 user-defined screens   |
| N   | UD-SH8K   | 500.00        | LICENSE, DYNAMIC CROSS-MUTE  |
| N   | UD-SH2L   | 450.00        | LICENSE, MARKER TONE<br>Operates on Analog Conventional only   |
| N   | UD-SH2N   | 450.00        | LICENSE, CALL ALERT, SEND ONLY   |
| N   | UD-SG4Q   | 400.00        | LICENSE, ADDS 4 WORKSPACE TABS<br>License is for 4 workspace tabs. Each console supports up to 16 workspace tabs   |
| N   | NS-SG2C   | 250.00        | LICENSE, CONSOLE TALKPATH  |
| N   | UD-SH8R   | 250.00        | LICENSE, ADVANCED PAGING   |
| N   | UD-SG2Z   | 200.00        | LICENSE, 2 SPEAKERS<br>License is for 2 speaker activations. Symphony supports up to 8 speakers (speakers are not included in this option)   |

**SYMPHONY™ DISPATCH CONSOLE**

Band: N/A

Product Code: UD

| E/C   | Model No.        | List Price \$ | Description                                |
|---|------------------|---------------|--|
| <b>Monitors</b>                             |                  |               |  |
| VN  | UD-CU6U          | 1,020.00      | MONITOR, 23IN CLASS, HIGH DEF              |
| VN  | UD-CU6V          | 1,550.00      | MONITOR, 27IN CLASS, HIGH DEF              |
| VN  | UD-CU8R          | 2,150.00      | MONITOR, 22IN CLASS, TOUCHSCREEN, HD       |
| VN  | UD-CU8T          | 2,850.00      | MONITOR, 24IN CLASS, TOUCHSCREEN, HD       |
| VN  | UD-CU8U          | 3,150.00      | MONITOR, 27IN CLASS, TOUCHSCREEN, HD       |
| VN  | UD-CU8X          | 975.00        | MONITOR, 22IN CLASS, NON-TOUCHSCREEN, HD   |
| <b>Uninterruptible Power Supplies (UPS)</b> |                  |               |  |
| S   | 2C-CM22218-0604  | 3,020.00      | POWER SUPPLY, EXT UPS, 60 HZ (120/230 VAC) |
| S   | 2C-CM22218-0605  | 2,266.00      | POWER SUPPLY, EXT UPS, 50 HZ (120/230 VAC) |
| V   | 2C-CM22218-0606  | 535.00        | KIT, POWERCORD, INTERNATIONAL              |
| S   | 2C-CM22218-0607  | 35.00         | CABLE, POWER, 230V                         |
| <b>Accessories</b>                          |                  |               |  |
| N   | CM-022218-3006WJ | 550.00        | ADAPTER, 6 WIRE JACKBOX TO HEADSET         |
| VN  | UD-AB1B          | 450.00        | JACK BOX, 6 WIRE                           |
| VN  | UD-AB1D          | 280.00        | SINGLE FOOTSWITCH, USB, SYMPHONY           |
| VN  | UD-AB1E          | 495.00        | DUAL FOOTSWITCH, USB, SYMPHONY             |
| VN  | UD-AB1M          | 245.00        | DESK MIC, DB9                              |
| VN  | UD-AB2J          | 230.00        | MICROPHONE, GOOSENECK DYNAMIC CARDIOID     |
| VN  | UD-AB1A          | 295.00        | SPEAKER, NANO, SYMPHONY                    |
| S   | 14017-0100-12    | 15.00         | CABLE, SPKR, SYMPH, 1/4" – 1/4" TRS, 10'   |
| VN  | UD-AB2H          | 650.00        | KEYBOARD, 24 KEY, USB, X-KEYS              |
| VN  | UD-AB1G          | 185.00        | KEYBOARD, 104 KEY, USB                     |
| VN  | UD-AB1J          | 35.00         | CABLE, DISPLAYPORT TO DVI-D, 3 FT          |
| VN  | UD-AB1K          | 40.00         | CABLE, DISPLAYPORT TO DVI-D, 10 FT         |
| VN  | UD-AB1L          | 45.00         | CABLE, DISPLAYPORT TO DVI-D, 15 FT         |
| VN  | UD-AB1N          | 26.00         | CABLE, DISPLAYPORT TO DISPLAYPORT, 3 FT    |
| VN  | UD-AB1P          | 32.00         | CABLE, DISPLAYPORT TO DISPLAYPORT, 10 FT   |
| VN  | UD-AB1R          | 36.00         | CABLE, DISPLAYPORT TO DISPLAYPORT, 15 FT   |
| VN  | UD-AB1S          | 35.00         | CABLE, DISPLAYPORT TO HDMI, 3 FT           |
| VN  | UD-AB1T          | 40.00         | CABLE, DISPLAYPORT TO HDMI, 10 FT          |
| VN  | UD-AB1U          | 46.00         | CABLE, DISPLAYPORT TO HDMI, 15 FT          |
| VN  | UD-AB1V          | 22.00         | CABLE, MONITOR, DVID TO DVID 6 FT          |
| VN  | UD-AB1W          | 30.00         | CABLE, MONITOR, DVID TO DVID 10 FT         |
| VN  | UD-AB1X          | 39.00         | CABLE, MONITOR, DVID TO DVID 16 FT         |
| S   | UD-AB2K          | 33.00         | CABLE, ETHERNET, ABR, .45M (1.5FT)         |
| S   | UD-AB2L          | 50.25         | CABLE, ETHERNET, ABR, 9M (29.5FT)          |
| S   | A30-1116-001     | 60.56         | ADAPTER, USB 3.0 TO GB ETHERNET            |

## SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD

| E/C                         | Model No.        | List Price \$ | Description                                  |
|-----------------------------|------------------|---------------|--|
| <b>Accessories (Cont'd)</b> |                  |               |  |
| VN                          | UD-AB1F          | 15.00         | MOUSE, OPTICAL, USB, SCROLL WHEEL            |
| S                           | CM-022218-000304 | 995.00        | ADAPTER, WIRELESS HEADSET                    |
| S                           | 2C-CM22218-0305  | 280.00        | HEADSET, OVER-THE HEAD SOLID BOOM            |
| S                           | 2C-CM22218-0300  | 280.00        | HEADSET, EAR BUD STYLE                       |
| S                           | 2C-CM22218-0608  | 77.00         | MOUSE, TRACKBALL, 3 BUTTON                   |
| <b>Warranty</b>             |                  |               |  |
| VN                          | UD-Y1EWS         | 2,500.00      | WARRANTY, EXTENDED 1 YR, SYMPHONY WRKSTN     |
| VN                          | UD-Y2EWS         | 3,750.00      | WARRANTY, EXTENDED 2 YR, SYMPHONY WRKSTN     |
| VN                          | UD-Y3EWS         | 5,550.00      | WARRANTY, EXTENDED 3 YR, SYMPHONY WRKSTN     |
| VN                          | UD-Y4EWS         | 6,500.00      | WARRANTY, EXTENDED 4 YR, SYMPHONY WRKSTN     |
| <b>Replacement Hardware</b> |                  |               |  |
| VM                          | UD-DF3J          | 13,910.00     | CONSOLE SYMPHONY DISPATCH PLATFORM 2.0       |
| VN                          | UD-DF3K          | 1,800.00      | KIT, HARD DRIVE, 240GB SSD, SDP 2.0          |
| <b>Manuals</b>              |                  |               |  |
| S                           | MM100UD          | 25.00         | MANUAL, OP/INSTA/CONFIG, SYMPHONY, CD        |
| V                           | MM200UD          | 25.00         | MANUAL, OP/INSTA/CONFIG, MIP, W/SYMPHONY, CD |

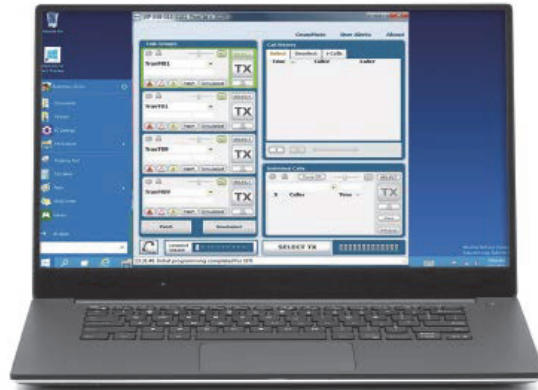
**PRODUCT PERFORMANCE NOTE: THE PERFORMANCE OF ANY L3HARRIS CONSOLE (SYMPHONY DISPATCH CONSOLE) WITH ANY THIRD-PARTY HARDWARE (INCLUDING COMPUTERS) OTHER THAN L3HARRIS RECOMMENDED OR APPROVED HARDWARE IS NOT GUARANTEED BY L3HARRIS TECHNOLOGIES NOR WILL L3HARRIS TECHNOLOGIES OFFER ANY SOFTWARE OR OTHER CORRECTIONS TO IMPROVE THE PERFORMANCE OF THE L3HARRIS CONSOLE WITH SUCH THIRD-PARTY HARDWARE.**

*This page intentionally blank*

## VIP DISPATCH CONSOLE

Band: N/A

Product Code: UC



### Standard Features

- 4 Programmable Talkgroup Modules
- Caller ID or Alias
- Group and Individual Calls
- Emergency Calls
- 1 Active Patch
- 1 Active Simulselect
- Call History and Integrated Call Playback
- Support for Multiple Vocoders including AMBE, IMBE, and ADPCM

All V<sup>IP</sup> Dispatch Console orders must be placed through the Product Configurator. The following is for information only. If configuring a V<sup>IP</sup> console for a new system, the NSS console licenses are automatically included under Network Switching Center in the Product Configurator.

| E/C | Model No.        | List Price \$ | Description   |
|-----|------------------|---------------|---|
| S   | CM-022218-000102 | 7,560.00      | SOFTWARE, VIP CONSOLE APPLICATION   |
| N   | 2C-CM22218-0103  | 11,500.00     | KIT, VIP CONSOLE<br>Includes VIP Console application software and PC accessories for a user-supplied PC. PC must meet minimum system requirements as stated in the application Software Release Notes |
| N   | CM-022218-AES103 | 12,500.00     | KIT, VIP CONSOLE WITH AES   |
| NB  | CM-022218-001101 | 100.00        | LICENSE, VOCODER  |
| LD  | NS-SG2B          | 1,000.00      | LICENSE, CONSOLE  |
| LD  | NS-SG2C          | 250.00        | LICENSE, CONSOLE TALKPATH   |
| S   | 2C-CM22218-0600  | 255.00        | FOOTSWITCH, SINGLE  |
| S   | MC-014121-003    | 280.28        | MICROPHONE, DESKTOP, DB9  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

**VIP DISPATCH CONSOLE**

Band: N/A

Product Code: UC

| E/C   | Model No.        | List Price \$ | Description  |
|---|------------------|---------------|--|
| <b>Monitors</b>                             |                  |               |  |
| VN  | UD-CU6U          | 1,020.00      | MONITOR, 23IN CLASS, HIGH DEF  |
| VN  | UD-CU6V          | 1,550.00      | MONITOR, 27IN CLASS, HIGH DEF  |
| VN  | UD-CU8R          | 2,150.00      | MONITOR, 22IN CLASS, TOUCHSCREEN, HD                                     |
| VN  | UD-CU8T          | 2,850.00      | MONITOR, 24IN CLASS, TOUCHSCREEN, HD                                     |
| VN  | UD-CU8U          | 3,150.00      | MONITOR, 27IN CLASS, TOUCHSCREEN, HD                                     |
| VN  | UD-CU8X          | 975.00        | MONITOR, 22IN CLASS, NON-TOUCHSCREEN, HD                                 |
| <b>Uninterruptible Power Supplies (UPS)</b> |                  |               |  |
| S   | 2C-CM22218-0604  | 3,020.00      | POWER SUPPLY, EXTERNAL UNINTERRUPTIBLE POWER SUPPLY, 60 HZ (120/230 VAC) |
| S   | 2C-CM22218-0605  | 2,266.00      | POWER SUPPLY, EXTERNAL UNINTERRUPTIBLE POWER SUPPLY, 50 HZ (120/230 VAC) |
| V   | 2C-CM22218-0606  | 535.00        | KIT, POWERCORD, INTERNATIONAL  |
| S   | 2C-CM22218-0607  | 35.00         | CABLE, POWER, 230V   |
| <b>Accessories</b>                          |                  |               |  |
| N   | CM-022218-3006WJ | 550.00        | ADAPTER, 6 WIRE JACKBOX TO HEADSET                                       |
| S   | CM-022218-300USB | 355.00        | ADAPTER, USB TO H-SERIES HEADSET<br>Connects Platonics headset to CPU    |
| S   | CA-103335-001    | 495.00        | CABLE, MIC/FOOTSWITCH TO CPU   |
| S   | CM-022218-000706 | 18.00         | CABLE, VIP ONBOARD SPEAKER "Y"   |
| S   | CM-022218-000504 | 470.00        | MODULE, C3IO USB I/O Interface Box                                       |
| VN  | UD-AB1B          | 450.00        | JACK BOX, 6 WIRE   |
| S   | MC-014121-003    | 280.28        | MICROPHONE, DESKTOP, DB9   |
| S   | 2C-CM22218-0600  | 255.00        | FOOTSWITCH, SINGLE   |
| S   | 2C-CM22218-0305  | 280.00        | HEADSET, OVER-THE-HEAD SOLID BOOM  |
| S   | 2C-CM22218-0300  | 280.00        | HEADSET, EAR BUD STYLE   |
| S   | 2C-CM22218-0608  | 77.00         | MOUSE, TRACKBALL, 3 BUTTON   |
| <b>Manuals</b>                              |                  |               |  |
| V   | MAMM-100UC       | 65.00         | MANUAL, OPERATOR/INSTALLATION, VIP CONSOLE                               |
| V   | MM100UC-CD       | 25.00         | MANUAL, PRODUCT, VIP DISPATCH, CD  |

**PRODUCT PERFORMANCE NOTE: THE PERFORMANCE OF ANY L3HARRIS CONSOLE (VIP DISPATCH CONSOLE) WITH ANY THIRD-PARTY HARDWARE (INCLUDING COMPUTERS) OTHER THAN L3HARRIS RECOMMENDED OR APPROVED HARDWARE IS NOT GUARANTEED BY L3HARRIS TECHNOLOGIES NOR WILL L3HARRIS TECHNOLOGIES OFFER ANY SOFTWARE OR OTHER CORRECTIONS TO IMPROVE THE PERFORMANCE OF THE L3HARRIS CONSOLE WITH SUCH THIRD-PARTY HARDWARE.**

## SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE



### SITUATIONAL AWARENESS MAPPING

Situational Awareness Mapping provides real-time interactive data visualization for a tailored situational awareness view in command centers. This platform integrates multiple data sources to create a common operational picture for dispatchers or command center personnel which can lead to much faster and more efficient responses to incidents. The solution tracks geolocation and presence information of first responders in real time overlaid with additional data such as weather, video feeds, public safety locations, transportation data, live traffic flow, traffic cameras, traffic incidents, and gunshot detection systems. A user can view the platform on a stand-alone monitor via a web browser or by using the Live Earth® Pro application. This is a software-as-a-service (SaaS) solution. Customers can purchase their own commercial-off-the-shelf client workstations or procure them through L3Harris.

### Highlights of Available Features

- Geofencing
- Tracks (or breadcrumb trails)
- Real-time Alerts and Incident Management
- Incident synchronization and playback
- Filtering (by Talkgroup, Agency, etc.)
- Charting
- Connection of multiple camera systems into a wall for viewing
- Creation of pre-planned routes

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>

## SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE

Contact System Solution Engineering (SSE) for quotes and configurations for Situational Awareness Mapping. The following is for information only.

| E/C   | Model No.  | List Price \$ | Description  |
|---|------------|---------------|--|
| <b>Step 1 – Configure a Situational Awareness Server as Part of the VIDA® Core*</b> |            |               |  |
| <b>Server options depending on type of VIDA customer installation</b>               |            |               |  |
| N   | LE-VM3K    | 35,000.00     | SERVER, SITUATIONAL AWARENESS, SW  |
| C   | LE-VM3K-HD | 35,000.00     | SERVER, SITUATIONAL AWARENESS, VM, FLD AD<br>For fielded VIDA systems without an existing StatusAware server |
| C   | LE-VM3K-UG | 10,000.00     | SERVER, SITUATIONAL AWARENESS, VM, UPGRD<br>For fielded VIDA systems with an existing StatusAware server     |

**\*Situational Awareness Mapping requires VIDA System Release SR10A.4 or later.**

### Step 2 – Select a Map Base Package

**Map Base Package – Select package based on verifiable customer coverage square mile area**

Each Map Base Package includes:

- 7 base layers (weather, transportation, public safety, traffic, GIS, News, and X (Twitter))
- StatusAware layer
- 20 administrator seats
- 90 days of playback for L3Harris StatusAware layer
- 7 days of playback for all other layers
- Basic support (email response within 48 hours)

|   |         |           |                              |
|---|---------|-----------|------------------------------|
| N | LE-SJ1A | 92,192.95 | MAP, BASE PKG, WITH 20 SEATS |
|---|---------|-----------|------------------------------|

I



## SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE

| E/C  | Model No. | List Price \$ | Description                              |
|--|-----------|---------------|--|
| <b>Step 3 – Select Optional Add-On Data Layers as Needed</b> |           |               |  |
| <b>Standard Layers</b>                                       |           |               |  |
| N  | LE-SJ1J   | 6,000.00      | STD LAYER, CODE BLUE                     |
| N  | LE-SJ1K   | 6,000.00      | STD LAYER, ELSAG LPR, LEONARDO           |
| N  | LE-SJ1L   | 6,000.00      | STD LAYER, EXACQVISION VMS, TYCO         |
| N  | LE-SJ1N   | 6,000.00      | STD LAYER, INFORM CAD, TRITECH           |
| N  | LE-SJ1T   | 6,000.00      | STD LAYER, CAD, MARK43                   |
| N  | LE-SJ1U   | 6,000.00      | STD LAYER, VMS, MILESTONE                |
| N  | LE-SJ1V   | 6,000.00      | STD LAYER, FLEX CAD/AVL, MOTOROLA        |
| N  | LE-SJ1W   | 6,000.00      | STD LAYER, PREMIER ONE CAD, MOTOROLA     |
| N  | LE-SJ1X   | 6,000.00      | STD LAYER, RADIOS, MOTOROLA              |
| N  | LE-SJ2A   | 6,000.00      | STD LAYER, LPR, PLATESMART               |
| N  | LE-SJ2B   | 6,000.00      | STD LAYER, DOOR ACCESS CTRL, S2 SECURITY |
| N  | LE-SJ2C   | 6,000.00      | STD LAYER, SHOTSPOTTER                   |
| N  | LE-SJ2D   | 6,000.00      | STD LAYER, SIVEILLANCE VMS, SIEMENS      |
| N  | LE-SJ2E   | 6,000.00      | STD LAYER, SOCRATA, TYLER TECHNOLOGIES   |
| N  | LE-SJ2F   | 6,000.00      | STD LAYER, CAD, SUNGARD-SUPERION         |
| N  | LE-SJ2G   | 6,000.00      | STD LAYER, CCURE 9000 DOOR ACCESS, TYCO  |
| N  | LE-SJ2H   | 6,000.00      | STD LAYER, VMS, V5 SYSTEMS               |
| N  | LE-SJ2J   | 6,000.00      | STD LAYER, VIDEO INSIGHT VMS, PANASONIC  |
| N  | LE-SJ2K   | 6,000.00      | STD LAYER, LPR, VIGILANT                 |
| N  | LE-SJ5N   | 6,000.00      | STD LAYER, ONSSI VMS, ONSSI              |
| N  | LE-SJ5P   | 6,000.00      | STD LAYER, SEC, UAV DETECION, HIDDEN-LVL |
| N  | LE-SJ5R   | 6,000.00      | STD LAYER, CAD, TYLER TECHNOLOGIES       |

## SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE

| E/C   | Model No. | List Price \$ | Description                               |  |
|---|-----------|---------------|---|--|
| <b>Premium Layers</b>                               |           |               |   |  |
| N   | LE-SJ2L   | 12,000.00     | PREMIUM LAYER, VMS, AVIGILON              |  |
| N   | LE-SJ2N   | 12,000.00     | PREMIUM LAYER, DATAMINR                   |  |
| N   | LE-SJ2P   | 12,000.00     | PREMIUM LAYER, WIND SPEEDS, FATHYM        |  |
| N   | LE-SJ2R   | 12,000.00     | PREMIUM LAYER, FLIGHT AWARE               |  |
| N   | LE-SJ2T   | 12,000.00     | PREMIUM LAYER, TROPICAL STORMS, IBM       |  |
| N   | LE-SJ2U   | 12,000.00     | PREMIUM LAYER, WEATHER FORECAST, IBM      |  |
| N   | LE-SJ2V   | 12,000.00     | PREMIUM LAYER, SMART LIGHTING, ITRON      |  |
| N   | LE-SJ2W   | 12,000.00     | PREMIUM LAYER, LIFERAFT                   |  |
| N   | LE-SJ2X   | 12,000.00     | PREMIUM LAYER, MARINE TRAFFIC             |  |
| N   | LE-SJ2Y   | 12,000.00     | PREMIUM LAYER, NC4                        |  |
| N   | LE-SJ2Z   | 12,000.00     | PREMIUM LAYER, BLUEDOT, OMNITRACS         |  |
| N   | LE-SJ3A   | 12,000.00     | PREMIUM LAYER, PULSE, VMWARE              |  |
| N   | LE-SJ3B   | 12,000.00     | PREMIUM LAYER, SHIPS, IHS MARITIME        |  |
| N   | LE-SJ3C   | 12,000.00     | PREMIUM LAYER, VERIZON CONNECT            |  |
| N   | LE-SJ5D   | 12,000.00     | PREMIUM LAYER, CRISIS MGMT, ONSOLVE       |  |
| N   | LE-SJ5E   | 12,000.00     | PREMIUM LAYER, CRISIS MGMT, CRISIS24      |  |
| N   | LE-SJ5F   | 12,000.00     | PREMIUM LAYER, LPR FLOCK SAFETY           |  |
| N   | LE-SJ5G   | 12,000.00     | PREMIUM LAYER, PUB SAFETY GPS, STARCHASE  |  |
| N   | LE-SJ5H   | 12,000.00     | PREMIUM LAYER, TRAFFIC FORECASTS, IBM     |  |
| N   | LE-SJ5J   | 12,000.00     | PREMIUM LAYER, ZONEMINDER, VMS            |  |
| <b>Super Premium Layers</b>                         |           |               |   |  |
| N   | LE-SJ3G   | 38,000.00     | S-PREMIUM LAYER, PRECIPITATION, FATHYM    |  |
| N   | LE-SJ3H   | 38,000.00     | S-PREMIUM LAYER, ROUTES WEATHER, FATHYM   |  |
| N   | LE-SJ3J   | 38,000.00     | S-PREMIUM LAYER, VMS, GENETEC             |  |
| N   | LE-SJ5K   | 38,000.00     | S-PREMIUM LAYER, ACS CTRL, HONEYWELL ALRM |  |
| N   | LE-SJ5L   | 38,000.00     | S-PREMIUM LAYER, ACS CTRL, HONEYWELL DOOR |  |
| N   | LE-SJ5M   | 38,000.00     | S-PREMIUM LAYER, GENETEC LPR              |  |
| <b>Step 4 – Select Additional Options as Needed</b> |           |               |   |  |
| N   | LE-SJ5T   | 95,000.00     | ON-PREM, ONE TIME INTEGRATION FEE         |  |
| N   | LE-SJ5U   | 35,000.00     | ON-PREM, ANNUAL MAINTENANCE FEE           |  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## PROVOICE™, EDACS®, AND P25<sup>IP</sup> RADIO TEXTLINK

Band: N/A

Product Code: NM



| Standard Equipment  | Standard Features   |
|---|---|
| <ul style="list-style-type: none"> <li>Radio TextLink Virtual Machine Application</li> <li>XL-400P, XL-200P, XL-185P, XL-150P, XL-95P, XL-45P, Unity® XG-100P, XG-75, P7300, P7200, P7100<sup>IP</sup>, P5500, P5400, P5300, P5200, P5100, XG-25P, XG-15P, XL-200M, XL-185M, XL-85M, Unity XG-100M, M7300, M7200, M7100<sup>IP</sup>, M5300 or XG-25M Radio only with Radio TextLink feature encryption</li> <li>Radio TextLink Client (License)</li> </ul> | <ul style="list-style-type: none"> <li>Freeform text sent to and displayed on mobile and portable radios</li> <li>Two-way canned messages and responses</li> <li>Form capabilities</li> <li>Message routing and logging</li> <li>Console, dispatch, CAD workstation, and/or third-party application support</li> <li>IP-based data application</li> </ul> |

| E/C                       | Model No.    | List Price \$ | Description   |
|---------------------------|--------------|---------------|---|
| C                         | NM-VM2D-HD   | 18,750.00     | HARD DRIVE, RADIO TEXTLINK VMWARE SW Can be added to an SR10A VIDA Premier system when purchased with associated Radio TextLink Client licenses |
| <b>Options for Client</b> |              |               |   |
| NB                        | CM22465-1001 | 2,875.00      | LICENSE, RADIO TEXTLINK CLIENT (1 License per Concurrent Client)  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## PROVOICE™, EDACS®, AND P25<sup>IP</sup> RADIO TEXTLINK

Band: N/A

Product Code: NM

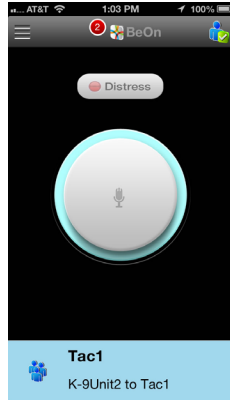
| E/C   | Model No.  | List Price \$ | Description  |
|---|------------|---------------|--|
| <b>Options for Portables and Mobiles (Ordered with the Radio)</b> |            |               |  |
| NB  | XF-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink for XL-400P |
| NB  | XL-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-200P            |
| NB  | XS-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink for XL-185P                    |
| NB  | XV-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink for XL-150P                    |
| NB  | XN-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink for XL-95P  |
| NB  | XK-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink for XL-45P  |
| N   | MAEV-NPL7N | 65.00         | FEATURE, RADIO TEXTLINK, XG-75/P7300   |
| N   | MAEX-NPL7N | 60.00         | FEATURE, RADIO TEXTLINK, P5500/P5300/P5400                                       |
| N   | DP-PL7N    | 65.00         | FEATURE, RADIO TEXTLINK, XG-25P  |
| N   | XR-PL7N    | 65.00         | FEATURE, RADIO TEXTLINK For XG-15P   |
| NB  | XZ-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-200M            |
| NB  | XT-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-185M            |
| NB  | XQ-PKGPD   | 395.00        | FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-85M             |
| N   | MAMW-NPL7N | 65.00         | FEATURE, RADIO TEXTLINK, M7300   |
| N   | MAMV-NPL7N | 60.00         | FEATURE, RADIO TEXTLINK, M7200   |
| N   | MAHK-NPL7N | 60.00         | FEATURE, RADIO TEXTLINK, M5300   |
| N   | DM-PL7N    | 65.00         | FEATURE, RADIO TEXTLINK, XG-25M  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

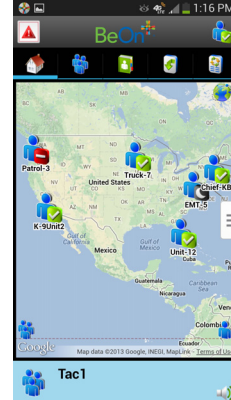
## BEON® GROUP COMMUNICATIONS SUITE

Band: NA

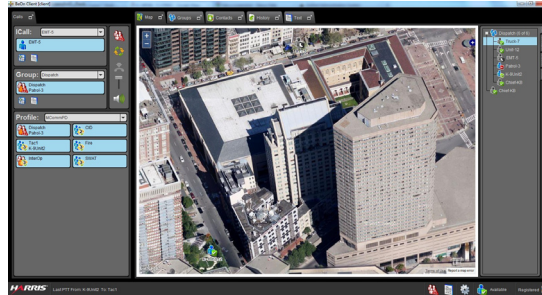
Product Code: BN, BM



iOS™ Application



Android™ Application



Microsoft® Windows® Application

### BEON SOFTWARE SUITE

BeOn is an advanced group communications solution that provides for the convergence of land mobile radio and broadband communications. BeOn bridges narrowband PTT voice services with devices that operate on broadband networks including 4G and 5G commercial cellular networks, public safety LTE networks, and WiFi networks. The BeOn client application operates on standard commercial carrier Android™ and iOS™ smartphone and tablet user devices as well as on Windows® PCs, providing a very low cost-per-user communications platform.

## BEON® GROUP COMMUNICATIONS SUITE

Band: NA

Product Code: BN, BM

| BeOn Highlights  | Benefits  |
|--|---|
| <ul style="list-style-type: none"> <li>Instantaneous group communications over cellular networks</li> <li>Integrated voice, text messaging, and Google Location Service™</li> <li>Integrated group communications between LMR and cellular networks</li> <li>A platform that is expandable to include advanced situational awareness applications</li> <li>P25 Feature Set including resident P25 vocoder</li> </ul> | <ul style="list-style-type: none"> <li>Expands LMR system footprint to that of the nationwide cellular systems</li> <li>Far and above the best performance and feature set of any cellular PTT system when used with VIDA® LMR networks</li> <li>Provides access to LMR voice on smaller multifunctional phones that are preferred in some use cases</li> <li>Advanced features such as presence, call recording on the phone, and mapping improve user efficiency</li> </ul> |

**CONTACT YOUR TERRITORY SALES ENGINEER OR FIELD ENGINEER TO DETERMINE THE CONFIGURATION FOR A SPECIFIC APPLICATION.**

| E/C            | Model No.   | List Price \$ | Description  |
|----------------|-------------|---------------|--|
| N              | BN-SV3J     | 30,000.00     | BEON SERVER LICENSE  |
| N              | BM-FW2K     | 1,750.00      | PKG, 1 BEON WINDOWS CLIENT LICENSE   |
| N              | BM-FW2V     | 365.00        | PKG, 1 BEON ANDROID/IOS LICENSE For mobile devices (Android/iOS) only.   |
| N              | BM-PKGCL-XL | 365.00        | PKG, 1 BEON XL RADIO LICENSE BeOn Client License enabling the LTE radio to provide PTT over LTE or WiFi networks. A BeOn Server is required to enable this option. |
| N              | BM-PK1D     | 75.00         | FEATURE, AES ENCRYPTION  |
| N              | BM-PK1E     | 0.02          | FEATURE, NO AES ENCRYPTION   |
| N              | BM-AE1V     | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADVANCED   |
| N              | BM-AE2T     | 299.00        | SPEAKER MIC, WIRELESS, BLUETOOTH, ADV, ANZ For use in Australia and New Zealand  |
| N              | BM-AE1S     | 179.00        | BLUETOOTH, COVERT, EARPIECE/MIC/PTT  |
| <b>Manuals</b> |             |               |  |
| V              | MM100BN     | 35.00         | MANUAL, USER, BEON CLIENT  |
| V              | MM200BN     | 25.00         | MANUAL, PRODUCT, BEON UNITE ON CD  |
| V              | MM300BN     | 35.00         | MANUAL, PRODUCT, BEON SERVERS  |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## MISSION CRITICAL ALLIANCE



As technology accelerates to meet growing First Responder needs, the Mission Critical Alliance (MCA) is answering the challenge with end-to-end solutions proven to enhance mission capabilities, security, and interoperability.

MCA is a collaborative of industry-leading technology companies dedicated to developing new devices, network systems, services, and applications with advanced connectivity and open standards-based compatibility. Members are exploring technology synergies to create new solutions with enhanced information security, Situational Awareness, real-time video intelligence, worker safety, and network management.

### Best-in-Class Technologies

- Tested, proven solutions to reduce risk and troubleshooting
- Future-proof, scalable solutions support simplified updates to emerging technologies
- Simplified procurement and access to long-term support

### Global Expertise

#### Integrated Communications

Software-defined, scalable voice, and data solutions

#### Situational Awareness

Real-time video, data, and 3D actionable intelligence

#### Asset Protection

Track, manage, and maintain mission critical inventory

#### Network Optimization

Collaborative tools driving greater efficiencies, reliability, and productivity

## MISSION CRITICAL ALLIANCE

Access the Industry's Latest First Responder Technologies



SCBA Respiratory Communication Device



On-Scene Collaborative  
Situational Awareness



Software-Based IP Dispatch and  
Interoperability Solutions



Alarm Management  
Common Dashboard Across Network Assets



FLTE/5G Routers for Fixed  
and Mobile Applications



Agencywide Critical Collaboration Tool  
for Emergency Management



Private LTE & 5G Networks



Seamless Voice and  
Data Recording Solutions



The First Nationwide Network  
Dedicated To Public Safety



Outage Management and Response



Next Generation 911 Call Handling



Public Safety and Professional  
Communications Solutions



Situational Awareness Mapping



Asset Management  
Optimized Management of  
Mission-Critical Assets



True Interoperability®



## MISSION CRITICAL ALLIANCE

Access the Industry's Latest First Responder Technologies



Hands-Free Voice, Data and  
Situational Awareness



Android™ Devices for Public Safety



Cybersecurity Solutions



Next Generation 911  
Computer Aided Dispatch®



P25 Voice Pagers



Actionable Video Intelligence



Fire Station Alerting  
LMR Gateway

### Mission Critical Alliance Solutions

L3Harris' wide range of LMR technology platforms including VIDA® core network, Symphony™ dispatch, and XL terminal products open the door for interoperability, interfaces, and uniquely integrated solutions for voice, data, and applications across a multitude of technologies ranging from LMR narrowband to LTE broadband data networks. The Mission Critical Alliance is a group of trusted partners working together with L3Harris and each other to provide added integration and value to our mission critical customers.

**Contact System Solution Engineering (SSE) for unique quotes and configurations of Alliance Member solutions.**

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

Latest Products and Pricing on the Web  
<https://premier.pspc.harris.com/infocenter/>



## MISSION CRITICAL ALLIANCE

### Adashi Systems, LLC | On-Scene Collaborative Situational Awareness

Keep fire fighters safe on scene by incorporating radio traffic into a sophisticated Incident Command solution from Adashi Systems call Command and Control (C&C). This integration provides incident commanders with the full operational picture on scene and enables fast decision making based on real-time information in an easy-to-use software application. This application replaces the need for whiteboards and paper forms on the scene. The solution is designed for on-scene operation, which can occur both within the customer's jurisdiction, or outside the customer's coverage footprint with direct mode operation. On-scene communications are linked to the Adashi C&C platform via a fireground gateway mobile device, which is built on the XL-200M platform.

The C&C solution is intended to work with all L3Harris and our competitors' radios on scene. This provides incident commanders with a universal methodology of how to respond to events, regardless of size of the event, and the number of resources responding. Key features include the following:

- **Personnel Accountability Reports (PAR)** – PAR is used in a fireground response to ensure the safety of firefighters on scene. PAR requests are typically sent out from the incident commander every 20 minutes, and firefighters are required to acknowledge these requests. These are typically handled with voice calls, and incident commanders are required to notate those responses. This can be cumbersome and time consuming as situations escalate, or additional resources arrive. Automation of those responses helps incident commanders know that all firefighters are accounted for so that they can focus on ensuring the situation is brought to closure more quickly.
- **Unit ID & Emergency** – Leveraging the P25 standard, the radio ID can be displayed within C&C, and the Incident Commander is notified immediately of any mayday or emergency button activation.

Unique features to the XL radio include the following:

- **Radio Check** – This feature queries the status of the radio and its accessories without involving the firefighter as done with PAR. Radio Checks are sent more frequently than PARs to verify the radio is still operational and to monitor the overall status of the radio and its accessories.
- **Dynamic Association** – This feature associates a specific user with a radio user ID. Since radios may be shared, the IC needs to know exactly who is using each radio and what role the user is playing in the incident. When the firefighter arrives on scene, he initiates the Dynamic Association feature which sends information on the user to the FGW so the IC can build a list of all the radios/users/roles involved in the incident.
- **Trigger Alerts** – This allows the customer to set thresholds for key XL radio sensors such as LMR RF signal and battery level. If the thresholds are exceeded, the radio sends an alert to the FGW. Additional 3<sup>rd</sup> party equipment which can alert based on event conditions can be added to this feature.

## MISSION CRITICAL ALLIANCE

### Adashi Systems, LLC | On-Scene Collaborative Situational Awareness

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No.          | List Price \$ | Description                                  |
|-----|--------------------|---------------|--|
| BC  | ADH-BUNDLE         | TBD           | CUSTOM CONFIGURATION Provided by Adashi      |
| V   | ADH-ICS-05-US      | 29,553.33     | ICS BUNDLE, 5 SEATS, STND CLD, ANNUAL, US    |
| V   | ADH-ICS-05-INTL    | 35,090.00     | ICS BUNDLE, 5 SEATS, STND CLD, ANNUAL, INTL  |
| V   | ADH-ICS-10-US      | 46,835.56     | ICS BUNDLE, 10 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-10-INTL    | 55,635.56     | ICS BUNDLE, 10 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-15-US      | 66,146.67     | ICS BUNDLE, 15 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-15-INTL    | 78,301.67     | ICS BUNDLE, 15 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-20-US      | 74,433.33     | ICS BUNDLE, 20 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-20-INTL    | 88,476.67     | ICS BUNDLE, 20 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-25-US      | 83,813.89     | ICS BUNDLE, 25 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-25-INTL    | 99,061.11     | ICS BUNDLE, 25 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-30-US      | 98,670.00     | ICS BUNDLE, 30 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-30-INTL    | 116,490.00    | ICS BUNDLE, 30 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-35-US      | 113,526.11    | ICS BUNDLE, 35 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-35-INTL    | 133,918.89    | ICS BUNDLE, 35 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-40-US      | 128,382.22    | ICS BUNDLE, 40 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-40-INTL    | 151,347.78    | ICS BUNDLE, 40 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-45-US      | 143,238.33    | ICS BUNDLE, 45 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-45-INTL    | 168,776.67    | ICS BUNDLE, 45 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ICS-50-US      | 131,388.89    | ICS BUNDLE, 50 SEATS, STND CLD, ANNUAL, US   |
| V   | ADH-ICS-50-INTL    | 155,222.22    | ICS BUNDLE, 50 SEATS, STND CLD, ANNUAL, INTL |
| V   | ADH-ENT-UPG-10-US  | 12,706.03     | ICS_STND CLD TO ENTPRS, 1-10, ANNUAL, US     |
| V   | ADH-ENT-UPG-10-INT | 15,882.53     | ICS_STND CLD TO ENTPRS, 1-10, ANNUAL, INTL   |
| V   | ADH-ENT-UPG-50-US  | 13,613.60     | ICS_STND CLD TO ENTPRS, 11-50, ANNUAL, US    |
| V   | ADH-ENT-UPG-50-INT | 17,017.00     | ICS_STND CLD TO ENTPRS, 11-50, ANNUAL, INTL  |
| V   | ADH-GOV-UPG-10-US  | 21,418.73     | ICS_STND CLD TO GOVCLD, 1-10, ANNUAL, US     |
| V   | ADH-GOV-UPG-10-INT | 26,773.41     | ICS_STND CLD TO GOVCLD, 1-10, ANNUAL, INTL   |
| V   | ADH-GOV-UPG-50-US  | 24,504.48     | ICS_STND CLD TO GOVCLD, 11-50, ANNUAL, US    |
| V   | ADH-GOV-UPG-50-INT | 30,630.60     | ICS_STND CLD TO GOVCLD, 11-50, ANNUAL, INTL  |
| V   | ADS-SLA-247        | 36,666.67     | 24 x 7 x 365 SUPPORT AGREEMENT               |
| V   | ADS-CAD1W          | 7,333.33      | CAD INTEGRATION, 1-WAY, ANNUAL               |
| V   | ADS-CAD2W          | 14,666.67     | CAD INTEGRATION, 2-WAY, ANNUAL               |
| V   | ADS-CAD-SETUP      | 4,537.87      | CAD INTEGRATION SERVICE, ONE-TIME            |
| V   | ADS-GIS-SETUP      | 4,537.87      | GIS INTEGRATION SERVICE, ONE-TIME            |

## MISSION CRITICAL ALLIANCE

### Catalyst Communications Technologies, Inc. | Incident Command Element

Incident Commander Element (ICE™) is a deployable communications tool that provides transportable radio communications, command, and control where fixed radio communications are weak or do not exist. This rugged, compact, and efficient solution provides information for fireground, emergency medical, special rescues, utility restoration, and other public safety and critical infrastructure incidents. Typically, these applications include incident command in geographies with poor radio communications, or in-building incidents – especially fire – where radio communications may be compromised.



ICE is specifically designed to work with L3Harris mobile radios and is especially well suited to the multiband Unity® XG-100M radio, providing Project 25 (P25) digital and conventional analog on VHF, UHF-L, UHF-H, and 700/800 MHz bands. The standard ICE product is offered with one to four mobile radios (the three-radio version is shown above). This provides interoperability between radios using different frequency bands or technologies. The product consists of a ruggedized laptop running the Catalyst software, the mounting brackets for the mobile radios, and DC power interface, all packaged in an easy-to-deploy travel case. Catalyst can provide the laptop computer and an AC power inverter for each ICE unit as an option. This can be operated in a stand-alone mode or linked back to an agency's trunked radio system or other radio channels as needed.

- Monitor and manage local talkaround communications, or operate in local repeat mode
- See a running list of radios that have placed calls with a time stamp, including emergency status
- Integrated call recorder to record on-scene voice traffic
- Patch local talkaround traffic to a trunked system
- Simple and intuitive functionality, with custom layouts to enhance communications and record keeping

ICE provides Support for Incident Commanders, providing communications between Portable and Mobile Subscriber Units on the Fire Ground that are programmed for the selected conventional frequencies. Dispatch console operators can monitor communications within the trunked radio system's coverage area from dispatch consoles on the system.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

## MISSION CRITICAL ALLIANCE

**Catalyst Communications Technologies, Inc. | Incident Command Element**

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No.   | List Price \$ | Description                               |
|-----|-------------|---------------|---|
| BC  | CTL-BUNDLE  | TBD           | CUSTOM CONFIGURATION Provided by Catalyst |
| V   | CTL-ICE3ENC | 45,345.00     | ICE, 3 RADIO, W/CASE, LAPTOP, LOCAL REC   |
| V   | CTL-ICE3KIT | 45,218.00     | ICE, 3 RADIO, NO-CASE, LAPTOP, LOCAL REC  |
| V   | CTS-INSTALL | 2,000.00      | INSTALL, PER-DAY                          |
| V   | CTS-TRAIN   | 1,500.00      | TRAIN, PER-DAY                            |
| V   | CTS-TRAVEL  | 1,500.00      | TECHNICIAN-SUPPORT, TRAVEL, PER-DAY       |
| V   | CTS-EXPENSE | 1,100.00      | TRAVEL, BILLABLE-EXPENSE, PER-DAY         |
| V   | CTS-BM2YR   | 8,226.00      | MAINTENANCE, BASIC, YEAR 1&2              |
| V   | CTS-BMNYR   | 5,141.00      | MAINTENANCE, BASIC, ANNUAL, YRS 3+        |
| V   | CTS-PM2YR   | 18,852.00     | MAINTENANCE, PREMIUM, YEAR 1&2            |
| V   | CTS-PMNYR   | 10,711.00     | MAINTENANCE, PREMIUM, ANNUAL, YRS 3+      |

## MISSION CRITICAL ALLIANCE

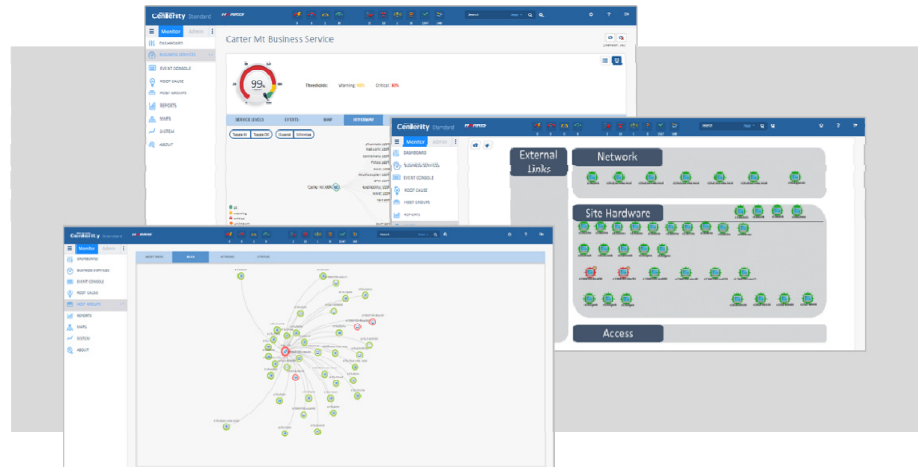
### Centerity Systems, Inc. | Network Management Command Dashboard

Centerity is the supplier of the L3Harris Enterprise Network Manager (ENM) which is an all-in-one network management monitoring platform suited for the entire enterprise, including servers, operating systems, network appliances, database applications, and more. It informs and alerts the users regarding the state of the network, applications, and hardware through a single web browser interface. The software resides on a Virtual Machine (VM) running Community Enterprise Operating System (CENTOS). The VM resides on the L3Harris VIDA Application Server (VAS), typically located at the Network Switching Center (NSC) and utilizes VMware® that provides extensive server management tools and redundancy for managing the VIDA network.

- Enterprise network management – built into VIDA
- Complete view into entire technology stack
- Extensible to any application, device, and system
- Automatically constructs dynamic and operational service views
- Real-time Service Level measurements
- Enhance protection of revenue, reputation, customers, and lives
- Integration with other third-party solutions including logging recorders, combiners, and microwave systems

#### Customizable Views

Monitor the entire VIDA network using intuitive, configurable maps and executive dashboards for real-time systemic intelligence.



Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No. | List Price \$ | Description                            |
|-----|-----------|---------------|--|
| VN  | VS-SH6J   | 63.00         | LICENSE, ENM P-RTU, + 3 YR SUPP, BASE  |
| VN  | VS-SH6K   | 50.50         | LICENSE, ENM P-RTU, + 3 YR SUPP, SMALL |
| VN  | VS-SH6L   | 50.50         | LICENSE, ENM P-RTU, + 3 YR SUPP, MED   |
| VN  | VS-SH6M   | 42.50         | LICENSE, ENM P-RTU, + 3 YR SUPP, LRG   |
| VN  | VS-SH6N   | 37.00         | LICENSE, ENM P-RTU, + 3 YR SUPP, XL    |
| VN  | VS-SH6P   | 19.00         | LICENSE, ENM P-RTU, + 3 YR SUPP, ENT   |

## MISSION CRITICAL ALLIANCE

**Centerity Systems, Inc. | Network Management Command Dashboard**

| E/C | Model No. | List Price \$ | Description                             |
|-----|-----------|---------------|---|
| VN  | VS-SH6T   | 44.00         | LICENSE, ENM, 3YR SUPP RENEW, BASE      |
| VN  | VS-SH6U   | 35.00         | LICENSE, ENM, 3YR SUPP RENEW, SMALL     |
| VN  | VS-SH6V   | 35.50         | LICENSE, ENM, 3YR SUPP RENEW, MED       |
| VN  | VS-SH6W   | 29.50         | LICENSE, ENM, 3YR SUPP RENEW, LRG       |
| VN  | VS-SH6X   | 26.00         | LICENSE, ENM, 3YR SUPP RENEW, XL        |
| VN  | VS-SH6Y   | 13.50         | LICENSE, ENM, 3YR SUPP RENEW, ENT       |
| VN  | VS-SH9J   | 63.00         | LIC, ENM ADD 50 CHECKS, BASE            |
| VN  | VS-SH9K   | 50.50         | LIC, ENM ADD 50 CHECKS, SMALL           |
| VN  | VS-SH9L   | 50.50         | LIC, ENM ADD 50 CHECKS, MED             |
| VN  | VS-SH9M   | 42.50         | LIC, ENM ADD 50 CHECKS, LRG             |
| VN  | VS-SH9N   | 37.00         | LIC, ENM ADD 50 CHECKS, XL              |
| VN  | VS-SH9P   | 19.00         | LIC, ENM ADD 50 CHECKS, ENT             |
| VN  | SN-SH9R   | 890.00        | LICENSE, ENM P-RTU, +3YR SUPP, TWO47 BS |
| VN  | VS-SH6R   | 3,300.00      | LICENSE, ENM P-RTU, +3YR SUPP, GEO-HA   |

## MISSION CRITICAL ALLIANCE

### Cradlepoint® | Enterprise Routing

Cradlepoint wireless edge solutions unlock the power of broadband (4G & 5G) to extend customer's Wide Area Networks (WAN) to provide boundless reach, nonstop reliability, and real-time agility needed to keep up with their business.

- Leverage mobile broadband networks to make business processes and workflows more agile
- Deploy FirstNet® certified mobile LTE/5G routing solutions covering customer's critical use cases
- Reduce high OPEX/CAPEX associated with wireline connectivity by leveraging ultra-fast Gigabit LTE and 5G Mobile connectivity - failover and primary site connectivity
- Enable IOT uses cases (e.g., Video Surveillance, Industrial Automation, Robotics, etc.) as part of the customer's digital transformation
- NetCloud® Service/Manager and wireless edge routers unlock the power of LTE and 5G for efficiently managing remote work from anywhere
- Combine with L3Harris' Broadband Managed Services for simple and cost-effective carrier data subscriptions

Cradlepoint sells its routing hardware as a subscription service bundled with cloud-hosted NetCloud Service/Manager.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.          | List Price \$ | Description                                  |
|-----|--------------------|---------------|--|
| BC  | CPT-BUNDLE         | TBD           | CUSTOM CONFIGURATION Provided by Cradlepoint |
| V   | CPT-BFA303005GBGN  | 2,855.00      | DEVICE, E300-CAT-4, 3-YR-NETCLOUD            |
| V   | CPT-BFA503005GBGN  | 3,746.00      | DEVICE, E300-CAT-4, 5-YR-NETCLOUD            |
| V   | CPT-BF010300C18BGN | 1,550.00      | DEVICE, E300-CAT-18, 1-YR-NETCLOUD, W/ANT    |
| V   | CPT-BF030300C18BGN | 2,078.00      | DEVICE, E300-CAT-18, 3-YR-NETCLOUD, W/ANT    |
| V   | CPT-BF050300C18BGN | 2,606.00      | DEVICE, E300-CAT-18, 5-YR-NETCLOUD, W/ANT    |
| V   | CPT-TB3020010MVNN  | 340.00        | DEVICE, IBR200-VZ, 3-YR-NETCLOUD, W/ANT      |
| V   | CPT-TB5020010MVNN  | 406.00        | DEVICE, IBR200-VZ, 5-YR-NETCLOUD, W/ANT      |
| V   | CPT-TB3020010MANN  | 340.00        | DEVICE, IBR200-ATT, 3-YR-NETCLOUD, W/ANT     |
| V   | CPT-TB5020010MANN  | 406.00        | DEVICE, IBR200-ATT, 5-YR-NETCLOUD, W/ANT     |
| V   | CPT-MA11700120BNNA | 1,770.00      | DEVICE, IBR1700-CAT-18, 1-YR-NETCLD, NO-AC   |
| V   | CPT-MA31700120BNNA | 2,056.00      | DEVICE, IBR1700-CAT-18, 3-YR-NETCLD, NO-AC   |
| V   | CPT-MA51700120BNNA | 2,375.00      | DEVICE, IBR1700-CAT-18, 5-YR-NETCLD, NO-AC   |
| V   | CPT-MB0119005GBGA  | 2,199.00      | DEVICE, R1900-5G-CAT-20, 1YR-NTCLD, DC       |
| V   | CPT-MB0319005GBGA  | 2,749.00      | DEVICE, R1900-5G-CAT-20, 3YR-NTCLD, DC       |
| V   | CPT-MB0519005GBGA  | 3,299.00      | DEVICE, R1900-5G-CAT-20, 5YR-NTCLD, DC       |
| V   | CPT-MA10900120BNNA | 1,099.00      | DEVICE, IBR900-CAT-18, 1-YR-NETCLD, NO-AC    |
| V   | CPT-MA30900120BNNA | 1,373.00      | DEVICE, IBR900-CAT-18, 3-YR-NETCLD, NO-AC    |
| V   | CPT-MA50900120BNNA | 1,660.00      | DEVICE, IBR900-CAT-18, 5-YR-NETCLD, NO-AC    |



## MISSION CRITICAL ALLIANCE

**Cradlepoint® | Enterprise Routing**

| E/C | Model No.         | List Price \$ | Description                              |
|-----|-------------------|---------------|--|
| V   | CPT-BB010950C7AN0 | 747.00        | DEVICE, L950-CAT-7, 1-YR-NETCLOUD, NO-AC |
| V   | CPT-BB030950C7AN0 | 879.00        | DEVICE, L950-CAT-7, 3-YR-NETCLOUD, NO-AC |
| V   | CPT-BB050950C7AN0 | 1,011.00      | DEVICE, L950-CAT-7, 5-YR-NETCLOUD, NO-AC |
| V   | CPT-MC4001200MB   | 660.00        | MODEM, CAT-18-FOR-DUAL-MODEM, IBR1700    |
| V   | CPT-BFMC4001200MB | 660.00        | MODEM, CAT-18-FOR-DUAL-MODEM, E300       |
| V   | CPT-170836-000    | 17.00         | ANTENNA, WI-FI                           |
| V   | CPT-170801-000    | 17.00         | ANTENNA, CELL-PADDLE, 6-GHZ-AND-BELOW    |
| V   | CPT-170700-000    | 198.00        | DOCK, IBR600C/900                        |
| V   | CPT-MB-RX30-POE   | 253.00        | DOCK, R1900                              |
| V   | CPT-170635-000    | 28.00         | ADAPTER, VEHICLE-CAR                     |
| V   | CPT-170716-001    | 23.00         | POWER-SUPPLY, AC, IBR900, W/OCORD        |
| V   | CPT-170623-001    | 10.00         | LINECORD, POWER-SUPPLY, AC, IBR900/1700  |
| V   | CPS-BF01-NCESS-R  | 198.00        | S/W, 1-YR-NETCLOUD-RENEWAL, E300         |
| V   | CPS-BF03-NCESS-R  | 594.00        | S/W, 3-YR-NETCLOUD-RENEWAL, E300         |
| V   | CPS-BF05-NCESS-R  | 990.00        | S/W, 5-YR-NETCLOUD-RENEWAL, E300         |
| V   | CPS-MA1-NCESS-R   | 198.00        | S/W, 1-YR-NETCLOUD-RENEWAL, IRB9/1700    |
| V   | CPS-MA3-NCESS-R   | 594.00        | S/W, 3-YR-NETCLOUD-RENEWAL, IRB9/1700    |
| V   | CPS-MA5-NCESS-R   | 990.00        | S/W, 5-YR-NETCLOUD-RENEWAL, IRB9/1700    |
| V   | CPS-TB1-NCESS-R   | 84.00         | S/W,1-YR-NETCLOUD-RENEWAL, IRB200        |
| V   | CPS-TB3-NCESS-R   | 252.00        | S/W, 3-YR-NETCLOUD-RENEWAL, IRB200       |
| V   | CPS-TB5-NCESS-R   | 420.00        | S/W, 5-YR-NETCLOUD-RENEWAL, IRB200       |
| V   | CPS-TA1-NCESS-R   | 99.00         | S/W, 1-YR-NETCLOUD-RENEWAL, IRB600C      |
| V   | CPS-TA3-NCESS-R   | 297.00        | S/W, 3-YR-NETCLOUD-RENEWAL, IRB600C      |
| V   | CPS-TA5-NCESS-R   | 594.00        | S/W, 5-YR-NETCLOUD-RENEWAL, IRB600C      |
| V   | CPS-BB1-NCESS-R   | 66.00         | S/W, 1-YR-NETCLOUD-RENEWAL, L950         |
| V   | CPS-BB3-NCESS-R   | 198.00        | S/W, 3-YR-NETCLOUD-RENEWAL, L950         |
| V   | CPS-BB5-NCESS-R   | 330.00        | S/W, 5-YR-NETCLOUD-RENEWAL, L950         |
| V   | CPS-MB01NCESS-R   | 246.00        | S/W, 1-YR-NETCLOUD-RENEWAL, R1900        |
| V   | CPS-MB03NCESS-R   | 738.00        | S/W, 3-YR-NETCLOUD-RENEWAL, R1900        |
| V   | CPS-MB05NCESS-R   | 1,230.00      | S/W, 5-YR-NETCLOUD-RENEWAL, R1900        |

**MISSION CRITICAL ALLIANCE****Cradlepoint® | Enterprise Routing**

| E/C | Model No.          | List Price \$ | Description                                    |
|-----|--------------------|---------------|--|
| V   | CPT-LMA101ABI001   | 72.00         | ANT, MAGMNT, LTE, IBR200, L950                 |
| V   | CPT-MA1270ALGTY005 | 345.00        | ANT, SHRKFN, CMBO, IBR900, R1900               |
| V   | CPT-MA1508AK001    | 535.00        | ANT, PRMMNT, CMBO, E300, IBR900, R1900         |
| V   | CPT-MA1509AK001    | 535.00        | ANT, PRMMNT, CMBO, IBR900, IBR1700             |
| V   | CPT-MA1511A001     | 263.00        | ANT, PRMMNT, CMBO, IBR1700                     |
| V   | CPT-MA241BI001     | 96.00         | ANT, ADHSMNT, LTE, IBR200, L950                |
| V   | CPT-MA350ALBICG003 | 266.00        | ANT, MAGMNT, CMBO, E300, R500, IBR600C, IBR900 |
| V   | CPT-MA750BABICG003 | 232.00        | ANT, PRMMNT, BOLT, CMBO, R1900, w/3MCABLE      |
| V   | CPT-MA750BABICG005 | 330.00        | ANT, PRMMNT, CMBO, E300, IBR600C               |
| V   | CPT-MA750BABICG007 | 290.00        | ANT, PRMMNT, BOLT, CMBO, R1900, w/5MCABLE      |
| V   | CPT-MA750BABICG010 | 379.00        | ANT, PRMMNT, BOLT, CMBO, R1900, w/10MCABLE     |
| V   | CPT-MA950ALBICG005 | 113.00        | ANT, ADHSMNT, CMBO, E300, IBR600C              |
| V   | CPT-MA9908A001     | 314.00        | ANT, ADHSMNT, CMBO, E300, IBR900, R1900        |
| V   | CPT-MA9917A001WM   | 706.00        | ANT, WALLMNT, CMBO, IBR1700                    |
| V   | CPT-TGX45ABI01     | 165.00        | ANT, UNIVERSALMNT, CMBO, IBR200, L950          |

## MISSION CRITICAL ALLIANCE

### Drakontas | DragonForce – Agency-wide Critical Collaboration

The DragonForce application can help customers in both the emergency communication center as well as field users understand the full operational picture on scene and enable fast decision making based on real-time information. While the focus of this offering is public safety, this application can be used in any situational awareness context and could be useful for other market vertical customers that L3Harris serves.

Some of the key features of the DragonForce application are as follows.

- Annotations and Whiteboarding
- Photo/Video/File Sharing & Digital Forms
- Secure Group and Private Messaging
- UAV Streaming and Mobile Tactical Streaming
- Team Lists & Quick Feature Layers
- Real-time Personnel Tracking & Mapping (via StatusAware API)

DragonForce is the answer to customers looking for an easy-to-use application that can include all members of a team, unit, or agency to manage individual incidents, share information real time, and quickly bring closure to live situations.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.       | List Price \$ | Description                                      |
|-----|-----------------|---------------|--|
| BC  | DRK-BUNDLE      | TBD           | CUSTOM CONFIGURATION Provided by Drakontas       |
| VN  | DRS-SETUP       | 11,200.00     | TRACKING PACKAGE, ONE-TIME SETUP FEE             |
| VN  | DRK-VIEWERADD   | 170.00        | DRAGONFORCE ANNUAL, ADD ON VIEWER LICENSE        |
| VN  | DRS-VIEWERSETUP | 57.00         | INDIVIDUAL VIEWER, ONE-TIME SETUP FEE            |
| VN  | DRK-TIER1       | 53.33         | DRAGONFORCE, TRACK 100-499, 5 VIEWERS, ANNUAL    |
| VN  | DRK-TIER2       | 46.67         | DRAGONFORCE, TRACK 500-999, 10 VIEWERS, ANNUAL   |
| VN  | DRK-TIER3       | 40.00         | DRAGONFORCE, TRACK 1K-2499, 10 VIEWERS, ANNUAL   |
| VN  | DRK-TIER4       | 33.33         | DRAGONFORCE, TRACK 2.5K-4.9K, 10 VIEWERS, ANNUAL |
| VN  | DRK-TIER5       | 26.67         | DRAGONFORCE, TRACK 5000+, 20 VIEWERS, ANNUAL     |

DragonForce tiers are priced based on the number of units tracked. For example, for a 5-year subscription for 250 units, multiply the number of units by the number of years of the subscription (250 x 5) to result in the quantity needed (1250) of the appropriate tier (DRK-TIER1). A setup fee (DRS-SETUP) will be added to each tier. Pricing includes a standard number of viewers (see breakdown for each tier below). If additional viewers are required, include the quantity of viewers multiplied by the annual price (DRK-VIEWERADD) and the setup fee (DRK-VIEWERSETUP).

- Tier 1 = 5 Viewers
- Tier 2 = 10 Viewers
- Tier 3 = 10 Viewers
- Tier 4 = 10 Viewers
- Tier 5 = 20 Viewers

## MISSION CRITICAL ALLIANCE

### Drakontas | DragonForce – Agency-wide Critical Collaboration

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No.       | List Price \$ | Description  |
|-----|-----------------|---------------|--|
| V   | DRS-ONPREMSETUP | 12,100.00     | ON PREM APPLICATION SERVER SETUP One-time setup fee for on-premises application server provisioning and deployment |
| V   | DRS-ONPREMMAP   | 5,500.00      | ON PREM MAP SERVER SETUP One-time setup fee for on-premises map server tile provisioning and zoom level processing |
| V   | DRS-ONPREMSERV  | 2,420.00      | ON PREM APPLICATION SERVER ANNUAL MAINT Annual maintenance fee for on-premises application server                  |
| V   | DRS-MAPSERVICE  | 1,100.00      | ON PREM MAP SERVER ANNUAL MAINT Annual maintenance fee for on-premises map server                                  |

## MISSION CRITICAL ALLIANCE

### Ericsson | Private Broadband Networks

Transformation is happening across a spectrum of industries. And as industrial digitalization accelerates, so does the demand for the advanced connectivity that private broadband networks deliver, liberating enterprises to unlock the potential of automation, control, and exponential growth. Mining, manufacturing, ports, healthcare, retail, airports, oil & gas, and energy are some of the sectors adopting innovative use cases with a private broadband network. Private 4G and 5G networks provide reliable, secure, and agile connectivity to support the adoption, use, and scaling of new and emerging data-driven technologies.

One size does not fit all. Ericsson offers the broadest portfolio of private network solutions supporting the widest range of use cases — giving you choice of the best solution to accelerate your organization’s digital transformation.

Ericsson’s Private Networks are designed to keep data exactly that - private. End-to-end security is built-in from core to edge down to the device level, ensuring that data is more secure and inaccessible to outside parties.

Ericsson Private 5G is a next-generation private network, tailored to drive Industry 4.0, the modernization and digitalization of infrastructures and business process operations. Organizations gain secure and powerful 4G LTE and 5G Standalone (SA) connectivity, allowing them to optimize and simplify business critical operations through data creation, collection, and analysis.

Built on Ericsson’s successful 4G/5G radios and dual mode core technology, Ericsson Private 5G unlocks a wide variety of innovative use cases for both indoor and outdoor environments while easily integrating with business operations, devices, and applications. As a result, companies can improve productivity and create more value for customers, all while using a solution that is secure and more environmentally friendly.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.  | List Price \$ | Description                               |
|-----|------------|---------------|---|
| BC  | ERC-BUNDLE | TBD           | CUSTOM CONFIGURATION Provided by Ericsson |

## MISSION CRITICAL ALLIANCE

### Exacom®, Inc. | Voice & Data Logging Recorders

HindSight™ multimedia recorders address many of the challenges faced in mission critical communication environments and prepares you for where you are going – records telephony, radio calls, VoIP, RoIP, Text-to-911 (SMS), screen video, and more. Not only designed to meet specific needs for your organization and users; but also aligned with mission critical standards (NENA NG 9-1-1 & i3; APCO P25) and integrated with L3Harris' VIDA Core to record user location through StatusAware and to meet DoD level cybersecurity protections.

- Flexible platform allows organizations to share recorders without sharing data
- Never miss a recording with automatic backed up and real-time fault monitoring alerts
- Web application + industry-tested Dell® COTS hardware for efficient operations
- Powerful playback and management features put users in control to reduce search time
- Instant playback is built into the main software window, putting information at the user's fingertips in critical situations

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No.        | List Price \$ | Description                               |
|-----|------------------|---------------|---|
| BC  | EXM-BUNDLE       | TBD           | CUSTOM CONFIGURATION Provided by Exacom   |
| V   | EXM-LR-12TC      | 80,810.55     | LOGGING RECORDER, P25, 12TC, 2SEAT        |
| V   | EXM-LR-24TC      | 90,818.55     | LOGGING RECORDER, P25, 24TC, 2SEAT        |
| V   | EXM-LR-36TC      | 100,826.55    | LOGGING RECORDER, P25, 36TC, 2SEAT        |
| V   | EXM-LR-9002242   | 19,995.00     | FEATURE, AES/DES ENCRYPTION               |
| V   | EXM-LR-9002206   | 4,995.00      | FEATURE, SIP INTEGRATION                  |
| V   | EXM-LR-9002602   | 600.00        | FEATURE, ADD P25 CHANNEL                  |
| V   | EXM-LR-9002601   | 400.00        | FEATURE, ADD VOIP CHANNEL                 |
| V   | EXM-LR-9002412   | 695.00        | FEATURE, ADD 1 CLIENT SEAT                |
| V   | EXM-LR-9002608   | 4,600.00      | FEATURE, ADD 8 ANALOG CHANNELS            |
| V   | EXM-LR-9000512   | 6,995.00      | FEATURE, ADD NAS BACKUP                   |
| V   | EXS-LR-9004071   | 5,903.19      | SERVICE, SUMS SUPPORT, YRS 1-6            |
| V   | EXS-LR-9004072   | 2,009.09      | SERVICE, INSTALLATION, 1 DAY, ONSITE      |
| V   | EXS-LR-9004099   | 886.37        | TRAINING, 1 DAY, ONSITE                   |
| V   | EXS-LR-9004073   | 3,781.82      | SERVICE, ADD EFF STAGING                  |
| V   | EXS-LR-9002242-M | 2,599.35      | SERVICE, AES/DES ENCRPT, MAINT, YRS1-3    |
| V   | EXS-LR-9002206-M | 649.35        | SERVICE, SIP INTEGRATION, MAINT, YRS1-3   |
| V   | EXS-LR-9002602-M | 78.00         | SERVICE, ADD P25 CHNL, MAINT, YRS1-3      |
| V   | EXS-LR-9002601-M | 52.00         | SERVICE, ADD VOIP CHNL, MAINT, YRS1-3     |
| V   | EXS-LR-9002412-M | 90.35         | SERVICE, ADD 1 CLIENT SEAT, MAINT, YRS1-3 |
| V   | EXS-LR-9002608-M | 598.00        | SERVICE, ADD 8 ANALOG CHLS, MAINT, YRS1-3 |
| V   | EXS-LR-9000512-M | 909.35        | SERVICE, ADD NAS BACKUP, MAINT, YRS1-3    |

## MISSION CRITICAL ALLIANCE

### Exacom®, Inc. | Voice & Data Logging Recorders

| E/C | Model No.          | List Price \$ | Description                             |
|-----|--------------------|---------------|---|
| V   | EXS-LR-12TC-MAINT4 | 6,921.86      | SERVICE, ANNUAL MAINT SPVRT, 12TC, YR4  |
| V   | EXS-LR-12TC-MAINT5 | 6,921.86      | SERVICE, ANNUAL MAINT SPVRT, 12TC, YR5  |
| V   | EXS-LR-12TC-MAINT6 | 6,921.86      | SERVICE, ANNUAL MAINT SPVRT, 12TC, YR6  |
| V   | EXS-LR-24TC-MAINT4 | 7,857.86      | SERVICE, ANNUAL MAINT SPVRT, 24TC, YR4  |
| V   | EXS-LR-24TC-MAINT5 | 7,857.86      | SERVICE, ANNUAL MAINT SPVRT, 24TC, YR5  |
| V   | EXS-LR-24TC-MAINT6 | 7,857.86      | SERVICE, ANNUAL MAINT SPVRT, 24TC, YR6  |
| V   | EXS-LR-36TC-MAINT4 | 8,793.86      | SERVICE, ANNUAL MAINT SPVRT, 36TC, YRS4 |
| V   | EXS-LR-36TC-MAINT5 | 8,793.86      | SERVICE, ANNUAL MAINT SPVRT, 36TC, YRS5 |
| V   | EXS-LR-36TC-MAINT6 | 8,793.86      | SERVICE, ANNUAL MAINT SPVRT, 36TC, YRS6 |
| V   | EXS-LR-9002242-M4  | 2,599.35      | SERVICE, AES/DES ENCRPT, MAINT, YR4     |
| V   | EXS-LR-9002242-M5  | 2,599.35      | SERVICE, AES/DES ENCRPT, MAINT, YR5     |
| V   | EXS-LR-9002242-M6  | 2,599.35      | SERVICE, AES/DES ENCRPT, MAINT, YR6     |
| V   | EXS-LR-9002206-M4  | 649.35        | SERVICE, SIP INTEGRATION, MAINT, YR4    |
| V   | EXS-LR-9002206-M5  | 649.35        | SERVICE, SIP INTEGRATION, MAINT, YR5    |
| V   | EXS-LR-9002206-M6  | 649.35        | SERVICE, SIP INTEGRATION, MAINT, YR6    |
| V   | EXS-LR-9002602-M4  | 78.00         | SERVICE, ADD P25 CHNL, MAINT, YR4       |
| V   | EXS-LR-9002602-M5  | 78.00         | SERVICE, ADD P25 CHNL, MAINT, YR5       |
| V   | EXS-LR-9002602-M6  | 78.00         | SERVICE, ADD P25 CHNL, MAINT, YR6       |
| V   | EXS-LR-9002601-M4  | 52.00         | SERVICE, ADD VOIP CHNL, MAINT, YRS4     |
| V   | EXS-LR-9002601-M5  | 52.00         | SERVICE, ADD VOIP CHNL, MAINT, YRS5     |
| V   | EXS-LR-9002601-M6  | 52.00         | SERVICE, ADD VOIP CHNL, MAINT, YRS6     |
| V   | EXS-LR-9002412-M4  | 90.35         | SERVICE, ADD 1 CLIENT SEAT, MAINT, YR4  |
| V   | EXS-LR-9002412-M5  | 90.35         | SERVICE, ADD 1 CLIENT SEAT, MAINT, YR5  |
| V   | EXS-LR-9002412-M6  | 90.35         | SERVICE, ADD 1 CLIENT SEAT, MAINT, YR6  |
| V   | EXS-LR-9002608-M4  | 598.00        | SERVICE, ADD 8 ANALOG CHLS, MAINT, YR4  |
| V   | EXS-LR-9002608-M5  | 598.00        | SERVICE, ADD 8 ANALOG CHLS, MAINT, YR5  |
| V   | EXS-LR-9002608-M6  | 598.00        | SERVICE, ADD 8 ANALOG CHLS, MAINT, YR6  |
| V   | EXS-LR-9000512-M4  | 909.35        | SERVICE, ADD NAS BACKUP, MAINT, YR4     |
| V   | EXS-LR-9000512-M5  | 909.35        | SERVICE, ADD NAS BACKUP, MAINT, YR5     |
| V   | EXS-LR-9000512-M6  | 909.35        | SERVICE, ADD NAS BACKUP, MAINT, YR6     |
| BC  | EXS-LR-EXTWNT      | TBD           | EXT-WARRANTY, HW AND SW MAINTENANCE     |

## MISSION CRITICAL ALLIANCE

### FirstNet® Built with AT&T® | Public Safety Broadband Voice & Data Network

Built with AT&T, FirstNet is the nationwide public safety broadband network, services, and solutions dedicated to First Responders and those who support them: It is more than a network, including advanced services, applications, and purpose-built devices.

- Reliable, Highly secure, and Interoperable
- Bringing 21st century tools to public safety agencies and first responders

We are accountable to keeping your lines of communication open with dedicated mission critical solutions that will modernize public safety.

**Contact your cognizant AT&T consultant to activate devices on FirstNet.**



## MISSION CRITICAL ALLIANCE

### GE® Power | Outage Management Systems & Routers

GE's ADMS Outage Management System moves beyond the traditional bounds of SCADA, DMS, and OMS and provides software for the safe and secure management and orchestration of the distribution grid. The GE ADMS solution delivers reliability, productivity, and efficiency through a modular architecture, adaptive algorithms, predictive analytics, and a brilliant user experience. To enhance the user experience, GE can integrate ADMS with L3Harris' VIDA Core to display user location through StatusAware on the Outage Mapping screens.

GE's MDS Orbit™ platform supports a diverse portfolio of industrial modems, routers, and gateways to extend wireless network coverage in various spectrum and geographic conditions. Orbit is GSMA eSIM compatible and supports redundant dual SIM multi-carrier auto-switching. The MDS Orbit platform offers industry-leading cyber security and electromagnetic pulse (EMP) compliance to protect critical networks from attack. The comprehensive security framework supports three unique facets of enterprise requirements: device, user, and network security. With optional FIPS-140-2 Level 2 validation, the MDS Orbit has been tested and formally validated by the US and Canadian governments.

- Private LTE in CBRS and Anterix™ 900
- FirstNet Ready™
- Cellular Dual APN
- Automatic and Configurable Firmware Over the Air Upgrades
- EMP hardened per MIL-STD-461G, RS105

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

## MISSION CRITICAL ALLIANCE

### Intrado | Life & Safety

Intrado, formally West, delivers best-in-class public safety and critical event solutions that impact lives every day. The Life & Safety division handles the mission critical information used by agencies across the U.S. in a wide array of areas including:

- NG911
- GIS
- Call Handling
- Carrier Services
- Alarm & Security
- Emergency Data Broker

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

## MISSION CRITICAL ALLIANCE

### Live Earth® | Data Visualization Platform

Overcome information overload with L3Harris’ Situational Awareness Mapping, the newest offering within the L3Harris portfolio of command and control solutions. Every day, dispatchers face a tsunami of data points in support of a growing number of calls for assistance. Sifting through volumes of information to find actionable intelligence can be overwhelmingly complex. Situational Awareness Mapping answers the challenge by accessing, aggregating, and transmitting secure, data-rich information layers to dispatch systems. Dispatchers have a clear view of the complete operational picture, displayed in an easy-to-use and easy-on-the-eyes intuitive interface.

- Focus on critical points of need with the unique ability to filter maps by agency and areas of operation
- Coordinate more effective, efficient responses for multiple dispatchers to simultaneously manage multiple incidents
- Analyze incident response with event and video synchronization and playback for forensic review
- Powered by Live Earth’s cloud-based data visualization platform delivering real-time feeds.

For more details on this solution, please see section 11.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No. | List Price \$ | Description                                 |
|-----|-----------|---------------|---|
| BC  | LE-BUNDLE | TBD           | CUSTOM CONFIGURATION Provided by Live Earth |

## MISSION CRITICAL ALLIANCE

### MCMtech | Asset Management

Track and manage every aspect of your radio system. This solution is the most flexible and scalable asset management solution in the industry. Purpose-built for the communications industry including radio-centric features to manage IDs, aliases, personalities, firmware versions, and more. This solution eliminates the need for paperwork, disparate spreadsheets or homegrown databases that are not getting the job done. Keep the L3Harris Unified Administration (UAS) database on SR10A.7 systems and later synchronize with your Asset tracking solution.

- Increase accountability for equipment and inventory tracking
- Reduce the risk of loss and be prepared for annual audits
- Assign assets to user agencies, locations, sites, individuals, vehicles & more
- Efficiently capture the historical movement of equipment as it changes ownership or physical location
- Manage configuration details for complex assets
- Optimize equipment maintenance and reduce downtime
- Capture the true cost of doing business by tracking consumable inventory expenditure & labor efforts

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.        | List Price \$ | Description                              |
|-----|------------------|---------------|--|
| BC  | MCM-BUNDLE       | TBD           | CUSTOM CONFIGURATION Provided by MCMtech |
| VN  | MCM-L3H-XSB      | 3,968.00      | XS BUNDLE – UAS INTEG, ANNUAL SUBSC      |
| VN  | MCM-L3H-SB       | 5,556.00      | SMALL BUNDLE – UAS INTEG, ANNUAL SUBSC   |
| VN  | MCM-L3H-MB       | 7,937.00      | MEDIUM BUNDLE – UAS INTEG, ANNUAL SUBSC  |
| VN  | MCM-L3H-LB       | 11,905.00     | LARGE BUNDLE – UAS INTEG, ANNUAL SUBSC   |
| VN  | MCS-L3H-PS       | 6,666.67      | UAS INTEG, PROF SERVICES                 |
| VN  | MCM-CAXSB-AS0105 | 6,666.67      | COMMASSET XS BUNDLE, ANNUAL YRS 1-5      |
| VN  | MCM-CAXSB-AS0610 | 8,730.16      | COMMASSET XS BUNDLE, ANNUAL YRS 6-10     |
| VN  | MCM-CAXSB-AS1115 | 10,952.38     | COMMASSET XS BUNDLE, ANNUAL YRS 11-15    |
| VN  | MCS-CAXSB-SV1    | 7,936.51      | COMMASSET XS BUNDLE,SERVICES PRE         |
| VN  | MCS-CAXSB-SV2    | 7,936.51      | COMMASSET XS BUNDLE,SERVICES POST        |
| VN  | MCM-CASB-AS0105  | 14,761.90     | COMMASSET SMALL BUNDLE, ANNUAL YRS 1-5   |
| VN  | MCM-CASB-AS0610  | 18,888.89     | COMMASSET SMALL BUNDLE, ANNUAL YRS 6-10  |
| VN  | MCM-CASB-AS1115  | 24,126.98     | COMMASSET SMALL BUNDLE, ANNUAL YRS 11-15 |
| VN  | MCS-CASB-SV1     | 18,253.97     | COMMASSET SMALL BUNDLE,SERVICES PRE      |
| VN  | MCS-CASB-SV2     | 18,253.97     | COMMASSET SMALL BUNDLE,SERVICES POST     |
| VN  | MCM-CAMB-AS0105  | 28,205.13     | COMMASSET MED BUNDLE, ANNUAL YRS 1-5     |
| VN  | MCM-CAMB-AS0610  | 35,897.44     | COMMASSET MED BUNDLE, ANNUAL YRS 6-10    |
| VN  | MCM-CAMB-AS1115  | 45,811.97     | COMMASSET MED BUNDLE, ANNUAL YRS 11-15   |
| VN  | MCS-CAMB-SV1     | 25,641.03     | COMMASSET MED BUNDLE,SERVICES PRE        |
| VN  | MCS-CAMB-SV2     | 25,641.03     | COMMASSET MED BUNDLE,SERVICES POST       |

## MISSION CRITICAL ALLIANCE

### MCMtech | Asset Management

| E/C | Model No.        | List Price \$ | Description                              |
|-----|------------------|---------------|--|
| VN  | MCM-CALB-AS0105  | 50,427.35     | COMMASSET LARGE BUNDLE, ANNUAL YRS 1-5   |
| VN  | MCM-CALB-AS0610  | 64,273.50     | COMMASSET LARGE BUNDLE, ANNUAL YRS 6-10  |
| VN  | MCM-CALB-AS1115  | 82,051.28     | COMMASSET LARGE BUNDLE, ANNUAL YRS 11-15 |
| VN  | MCS-CALB-SV1     | 34,188.03     | COMMASSET LARGE BUNDLE,SERVICES PRE      |
| VN  | MCS-CALB-SV2     | 34,188.03     | COMMASSET LARGE BUNDLE,SERVICES POST     |
| VN  | MCM-CSXSB-AS0105 | 9,682.54      | COMMSHOP XS BUNDLE, ANNUAL YRS 1-5       |
| VN  | MCM-CSXSB-AS0610 | 12,380.95     | COMMSHOP XS BUNDLE, ANNUAL YRS 6-10      |
| VN  | MCM-CSXSB-AS1115 | 15,714.29     | COMMSHOP XS BUNDLE, ANNUAL YRS 11-15     |
| VN  | MCS-CSXSB-SV1    | 11,111.11     | COMMSHOP XS BUNDLE,SERVICES PRE          |
| VN  | MCS-CSXSB-SV2    | 11,111.11     | COMMSHOP XS BUNDLE,SERVICES POST         |
| VN  | MCM-CSSB-AS0105  | 22,222.22     | COMMSHOP SMALL BUNDLE, ANNUAL YRS 1-5    |
| VN  | MCM-CSSB-AS0610  | 28,253.97     | COMMSHOP SMALL BUNDLE, ANNUAL YRS 6-10   |
| VN  | MCM-CSSB-AS1115  | 36,031.75     | COMMSHOP SMALL BUNDLE, ANNUAL YRS 11-15  |
| VN  | MCS-CSSB-SV1     | 23,809.52     | COMMSHOP SMALL BUNDLE,SERVICES PRE       |
| VN  | MCS-CSSB-SV2     | 23,809.52     | COMMSHOP SMALL BUNDLE,SERVICES POST      |
| VN  | MCM-CSMB-AS0105  | 44,444.44     | COMMSHOP MED BUNDLE, ANNUAL YRS 1-5      |
| VN  | MCM-CSMB-AS0610  | 56,752.14     | COMMSHOP MED BUNDLE, ANNUAL YRS 6-10     |
| VN  | MCM-CSMB-AS1115  | 72,307.69     | COMMSHOP MED BUNDLE, ANNUAL YRS 11-15    |
| VN  | MCS-CSMB-SV1     | 42,735.04     | COMMSHOP MED BUNDLE,SERVICES PRE         |
| VN  | MCS-CSMB-SV2     | 42,735.04     | COMMSHOP MED BUNDLE,SERVICES POST        |
| VN  | MCM-CSLB-AS0105  | 84,786.32     | COMMSHOP LARGE BUNDLE, ANNUAL YRS 1-5    |
| VN  | MCM-CSLB-AS0610  | 108,205.13    | COMMSHOP LARGE BUNDLE, ANNUAL YRS 6-10   |
| VN  | MCM-CSLB-AS1115  | 138,119.66    | COMMSHOP LARGE BUNDLE, ANNUAL YRS 11-15  |
| VN  | MCS-CSLB-SV1     | 52,991.45     | COMMSHOP LARGE BUNDLE,SERVICES PRE       |
| VN  | MCS-CSLB-SV2     | 52,991.45     | COMMSHOP LARGE BUNDLE,SERVICES POST      |

## MISSION CRITICAL ALLIANCE

### Mutualink | True Interoperability®

The Mutualink solution can share radio, voice, video, and data for cross-agency collaboration. Customers can connect with partner agencies in real-time using an intuitive incident-based platform. The Mutualink solution goes beyond providing just LMR to LMR, or LMR to LTE interoperability, but also provides real-time video sharing as well as geospatial information and data sharing capabilities.

The biggest advantage of the Mutualink IRAPP network is the incident-based configuration. Once connected, customers can “turn on” interoperability by adding different resources to the incident. When the situation is resolved, those interoperability assets are turned off, thereby not impacting the normal day-to-day operations of each agency that is connected. Collaboration is just a mouse click away to provide communications in both remote and urban environments, with resources available on an ad-hoc basis.

- P25 AMBE+ Vocoder (automatic)
- P25 Caller ID
- Emergency Call (Group Emergency with cancel)
- Group Calls
- P25 to/from MCPTT
- P25 to/from P25 (Phase 1 and Phase 2)
- P25 to/from Mutualink Native Client

By leveraging the L3Harris ISSI in a hosted environment, agencies can connect to other entities without the need to setup and maintain costly individual connections. Connect to the subscription-based hosted service and get access to regional interoperability with the incident-based capabilities of the Mutualink IRAPP network, and all P25 system users can benefit from ad-hoc interoperability when they need it most.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.  | List Price \$ | Description                                |
|-----|------------|---------------|--|
| BC  | MTL-BUNDLE | TBD           | CUSTOM CONFIGURATION Provided by Mutualink |

## MISSION CRITICAL ALLIANCE

### RealWear, Inc. | Wearable Android™ Tablet

The RealWear HMT-1 (and the Intrinsically Safe version HMT-1Z1) provides the foundation for Connected Worker programs. A fully rugged head-mounted device, it can be Wi-Fi® tethered to the XL-Series Portables utilizing Broadband Services to connect the field worker to valuable information. The high-resolution micro-display fits just below the wearer’s line of sight and views like a 7-inch tablet. It is an industrial dashboard: there when you need it and out of your way when you do not. The HMT-1 & HMT-1Z1 work with powerful software applications (such as Microsoft Teams®) in four core categories, each optimized for completely hands-free voice control:

- **Remote Mentoring** – Enabling workers in the field to get assistance from experienced technicians
- **Document Navigation** – Using reference documents with eyes forward and hands free improves productivity and safety
- **Digital Workflow** – Providing visual instructions, checklists, data entry, and visual documentation of completed steps
- **Data Visualization** – Providing operators the real-time data they need when operating, inspecting, or maintaining equipment

That means no scrolling, swiping, or tapping – just simple voice commands. Use it for remote mentor video calling, document navigation, guided workflow, mobile forms, and industrial IoT data visualization.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.  | List Price \$ | Description                                  |
|-----|------------|---------------|--|
| BC  | RWR-BUNDLE | TBD           | CUSTOM CONFIGURATION Provided by RealWear    |
| V   | RWR-127031 | 2,600.00      | DEVICE, NAVIGATOR 500, NO-WALLCHRGR          |
| V   | RWR-127100 | 25.00         | STRAP, TRI-BAND, N500-ONLY                   |
| V   | RWR-127104 | 40.00         | BALLCAP, W/MOUNTS, 500-ONLY                  |
| V   | RWR-127107 | 35.00         | CHARGER, SINGLE BATTERY, 500-ONLY            |
| V   | RWR-127108 | 86.00         | BATTERY, SPARE, 500-ONLY                     |
| V   | RWR-127109 | 45.00         | CARRY-CASE, PROTECTIVE, 500-ONLY             |
| V   | RWR-127124 | 25.00         | CLIPS, HARDHAT, MSA, FULL BRIM, 500-ONLY     |
| V   | RWR-127125 | 40.00         | WORKBAND 2, 500-ONLY                         |
| V   | RWR-127111 | 25.00         | CHARGER, USB, PWR ADPTR, QUICK, 500-ONLY     |
| V   | RWR-127151 | 25.00         | CLIPS, HARDHAT, 3MTA500, 3PK, 500-ONLY       |
| V   | RWR-171009 | 6.00          | STICKERS, PRIVACY, FOR-CAMERA, HMT-1Z1 ONLY  |
| V   | RWR-171012 | 51.00         | CARRY-CASE, SEMI-RIGID, HMT-1Z1 ONLY         |
| V   | RWR-171016 | 15.00         | CHARGER-CABLE, USB, N500-ONLY                |
| V   | RWR-171017 | 56.00         | PAD, REAR, 6PK, HMT-1Z1-ONLY                 |
| V   | RWR-171018 | 34.00         | STRAP, OVERHEAD, 6PK, HMT-1Z1-ONLY           |
| V   | RWR-171019 | 112.00        | CHARGER, USB, W/PROTECTION, HMT-1Z1-ONLY     |
| V   | RWR-171024 | 28.00         | CLIPS, HARDHAT, MSA, FULL BRIM, 3PK, HMT-1Z1 |
| V   | RWR-171033 | 28.00         | STRAP, TRI-BAND, HMT-1Z1-ONLY                |

## MISSION CRITICAL ALLIANCE

### RealWear, Inc. | Wearable Android™ Tablet

| E/C | Model No.         | List Price \$ | Description                        |
|-----|-------------------|---------------|------------------------------------|
| V   | RWR-171034        | 45.00         | BALLCAP, BUMP, STANDARD, N500-ONLY |
| V   | RWR-171049        | 224.00        | SD-CARD, MICRO, 256 GB             |
| V   | RWR-171095        | 48.00         | BALLCAP, BUMP, X-LARGE, N500-ONLY  |
| V   | RWS-SP-ESSENTIAL2 | 110.00        | SUPPORT, ESSENTIALS, 2YR, 500-ONLY |
| V   | RWS-SP-ESSENTIAL3 | 220.00        | SUPPORT, ESSENTIALS, 3YR, 500-ONLY |
| V   | RWS-SP-ADV1       | 110.00        | SUPPORT, 1YR-WARRANTY              |
| V   | RWS-SP-ADV2       | 220.00        | SUPPORT ,2YR-ADDITIONAL-WARRANTY   |
| V   | RWS-SP-ADV3       | 330.00        | SUPPORT, 3YR-ADDITIONAL-WARRANTY   |



## MISSION CRITICAL ALLIANCE

### Samsung | Android™ Devices for Public Safety

The Samsung Galaxy XCover Pro is a new breed of rugged, field-ready smartphone. Combining the slim design and powerful feature set of its consumer smartphones with a durable build engineered for field use, Samsung’s Galaxy XCover Pro lets customers get more done without the sacrifice. Samsung and L3Harris have engineered the XCover Pro and BeOn® combination to perform in the manner P25 customers expect and deserve.

- **Military-grade design** – Certified MIL-STD-810G and IP68 rated, it survived 30 minutes of submersion in 5 feet of water and is impervious to dust and dirt
- **BeOn Push-to-Talk** – The XCover Pro’s large programmable PTT button can be configured to activate two-way or group conversations
- **Secure, compliant, and customizable** – Business data is secured by the built-in, defense-grade Samsung Knox® platform and advanced biometric authentication capabilities
- **Field replaceable battery** – The Galaxy XCover Pro has a fast-charging battery that is rated for 14 hours and is easy to replace in the field
- **Versatile hi-res cameras** – For field workers performing inspections or troubleshooting onsite issues, a picture speaks a thousand words

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

| E/C | Model No.          | List Price \$ | Description                                  |
|-----|--------------------|---------------|--|
| BC  | SMG-BUNDLE         | TBD           | CUSTOM CONFIGURATION Provided by Samsung     |
| V   | SMG-SM-G736UZKEXAA | 750.00        | DEVICE, XCOVER6 PRO SMARTPHONE, 128GB, BLK   |
| V   | A30-2141-201       | 70.00         | CASE, RUGGED SAMSUNG GALAXY XCOVER6 PRO      |
| V   | A06-0053-001       | 440.00        | SPEAKER MIC, BLUETOOTH REVO NC2 3.5M JACK    |
| V   | SMG-SM-T570NZKAN20 | 677.00        | DEVICE, GALAXY-TAB-ACTIVE3, 64GB, WIFI, BLK  |
| V   | SMG-SM-T570NZKEN20 | 704.00        | DEVICE, GALAXY-TAB-ACTIVE3, 128GB, WIFI, BLK |
| V   | SMG-SM-T577UZKDN14 | 815.00        | DEVICE, GALAXY-TAB-ACTIVE3, 64GB, LTE, BLK   |
| V   | SMG-SM-T577UZKGN14 | 842.00        | DEVICE, GALAXY-TAB-ACTIVE3, 128GB, LTE, BLK  |

## MISSION CRITICAL ALLIANCE

### SecuLore™ | Cybersecurity Solutions

A leading innovator in cybersecurity solutions designed to protect critical infrastructure and public safety, SecuLore provides 24x7x365 managed cybersecurity monitoring that integrates seamlessly and agentless with existing network infrastructures and empowers IT teams with expert resources necessary to protect mission critical data and operations.

Services include

- **CyberBenchmark** – A cybersecurity risk assessment designed specifically for public safety based upon FCC, NIST, APCO, DHS, and NENA best practices. Service requires 3 days of L3Harris cybersecurity support.
- **OverWatch** – Provides an annual subscription-based round-the-clock cybersecurity monitoring 24x7x365 that offers the next level of behavior-based cybersecurity, customized specifically for public safety, and designed to identify threats often missed by other layers of security. Service requires 5 days of L3Harris cybersecurity support.

Contact System Solution Engineering (SSE) to determine the number of segments to be monitored and to review the Security Operations Center (SOC) Statement of Work (SOW) prior to placing an order. This service requires an AMS Service contract with the SOC SOW. This service is only available to domestic customers. *Please note that a separate internet connection behind the customer's Enterprise IT Network firewall is required for each segment of this service.*

| E/C                                  | Model No.            | List Price \$    | Description  |
|--------------------------------------|----------------------|------------------|--|
| V                                    | SOC-OWW-SERV         | 65,000.00        | OVERWATCH, SERV WKLY REPORT, ANNUAL For U.S. only. List price is an annual fee. Quantity equals the number of segments purchased. Requires YB-SZ9A for a minimum of 5 days             |
| N                                    | YB-SZ9A              | 2,400.00         | SERVICE, L3H SR CYBERSECURITY ENG OverWatch option SOC-SERV-OWN requires a 5-day minimum support and CyberBenchmark option SOC-SERV-CB requires a 3-day minimum support. For U.S. only |
| <b>Example for OverWatch Service</b> |                      |                  |  |
|                                      | SOC-OWW-SERV         | 65,000.00        |  |
|                                      | YB-SZ9A x 5 days min | <u>12,000.00</u> |  |
| Total                                |                      | 77,000.00        |  |
| V                                    | SOC-OWW-ADD-SERV     | 38,000.00        | OVERWATCH, SERV WKLY RPT ADD-ON, ANNUAL Additional segments. For U.S. only. Quantity equals the number of segments purchased   |

## MISSION CRITICAL ALLIANCE

### SecuLore™ | Cybersecurity Solutions

| E/C                                       | Model No.            | List Price \$   | Description  |
|---|----------------------|-----------------|--|
| V   | SOC-PAL-S1           | 4,600.00        | OVERWATCH, SPARE PALADIN For U.S. only.<br>One spare per system is recommended |
| V   | SOC-CB-SERV          | 27,500.00       | CYBERBENCHMARK, REPORT For U.S. only. Requires YB-SZ9A for a minimum of 3 days |
| <b>Example for CyberBenchmark Service</b> |                      |                 |  |
|   | SOC-CB-SERV          | 27,500.00       |  |
|   | YB-SZ9A x 3 days min | <u>7,200.00</u> |  |
| Total                                     |                      | 34,700.00       |  |
| V   | SOC-CB-ADD-SERV      | 5,400.00        | CYBERBENCHMARK, REPORT ADD-ON Additional segments. For U.S. only               |

## MISSION CRITICAL ALLIANCE

### Tyler Technologies | Next Generation Computer-Aided Dispatch

Tyler Technologies offers a robust Next Gen CAD 911 System for the best in managing dispatching protocol. The CAD 911 system enhances response times and can handle single or multi-jurisdictional dispatching activities for law enforcement, fire, and EMS. Call-takers and dispatchers have rapid access to data, powerful mapping capabilities, and the ability to make global changes within seconds, resulting in the best response possible.

- Geo-verified address capabilities
- Continuously updated estimated time of arrival (ETA) data
- Automatic vehicle location (AVL) and proximity dispatching capabilities
- System modifications applied in seconds
- Unlimited fire response capabilities, recommendations
- Easily accessible, managed, and shared data

Not only designed to meet specific needs for your organization and users but specifically aligned with mission critical standards (NENA NG 9-1-1 & i3; APCO P25) and integrated with L3Harris' VIDA Core, Tyler Next Gen CAD can display user location through the StatusAware API, dispatch radio users through the Symphony API as well as meet DoD level cybersecurity protections.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

## MISSION CRITICAL ALLIANCE

### Unication USA, Inc. | P25 Voice Paging

Keep volunteer fire agencies informed with ruggedized pagers that can monitor dispatch instructions to fire agencies. Historically, volunteers were limited to analog operation, with dedicated infrastructure to support analog conventional voice operation. The Unication pagers come equipped with both analog and P25 digital operation. The pagers support P25 trunked operation in Phase 1 and Phase 2, as well as P25 conventional operation and are available in a variety of frequency bands including single-band and multi-band operation across all LMR bands (VHF, UHF, and 700/800 MHz).

- Accommodate multiple P25 trunked and conventional systems
- Support up to 26 control channels per trunked system
- IP67 Rating is waterproof and dustproof
- Submersible up to 3 feet for 30 minutes
- Rugged housing and high impact resistant color screen
- 2-year standard warranty

These pagers allow volunteers to operate on the same system as career fire users operating on conventional and trunked LMR radios.

**Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.**

| E/C | Model No.          | List Price \$ | Description                                   |
|-----|--------------------|---------------|---|
| BC  | UNC-BUNDLE         | TBD           | CUSTOM CONFIGURATION Provided by Unication    |
| V   | UNC-G2VHF          | 675.00        | PAGER, G2, P25, 136-174MHZ                    |
| V   | UNC-G2UHFB         | 675.00        | PAGER, G2, P25, 380-450MHZ                    |
| V   | UNC-G2UHFC         | 675.00        | PAGER, G2, P25, 400-470MHZ                    |
| V   | UNC-G2UHFD         | 675.00        | PAGER, G2, P25, 450-512MHZ                    |
| V   | UNC-G3VUB          | 775.00        | PAGER, G3, P25, VHF/UHF (380-450MHZ)          |
| V   | UNC-G3VUC          | 775.00        | PAGER, G3, P25, VHF/UHF (400-470MHZ)          |
| V   | UNC-G3VUD          | 775.00        | PAGER, G3, P25, VHF/UHF (450-520MHZ)          |
| V   | UNC-G4VP           | 675.00        | PAGER, G4, P25, 700-800MHZ                    |
| V   | UNC-G5VHF          | 775.00        | PAGER, G5, P25, VHF/700-800MHZ                |
| V   | UNC-G5UHFB         | 775.00        | PAGER, G5, P25, UHF (380-450)/700-800MHZ      |
| V   | UNC-G5UHFC         | 775.00        | PAGER, G5, P25, UHF (400-470)/700-800MHZ      |
| V   | UNC-G5UHFD         | 775.00        | PAGER, G5, P25, UHF (450-520)/700-800MHZ      |
| V   | UNC-GS999CA-SXXXEN | 168.00        | CHARGER, AMPLIFIED, INCL. ANNT, PWRSPL, G2-G5 |
| V   | UNC-GS9XBRC-SXXXEN | 105.00        | CHARGER, DESKTOP, G2-G5                       |
| V   | UNC-2811923-AMP    | 10.95         | CONNECTOR BLOCK, CHARGER AMP, G2-G5           |
| V   | UNC-CP-1050-ND     | 8.95          | CONNECTOR, CHARGER AMP, DIN, G2-G5            |
| V   | UNC-T69SWLS1072MR  | 25.95         | CABLE, USB, REPLACEMENT, CHARGE/PROG, G2-G5   |
| V   | UNC-T69GME10C0502R | 30.95         | POWER ADAPTER, REPLACEMENT, G2-G5             |
| V   | UNC-T65G428001R    | 32.00         | BATTERY, LI-IO, REPLACEMENT, G2-G5            |
| V   | UNC-EXTWARRANTY    | 151.00        | WARRANTY, EXTENDED, G2-G5, YRS 3-5            |

## MISSION CRITICAL ALLIANCE

### Unication USA, Inc. | P25 Voice Paging

| E/C | Model No.           | List Price \$ | Description                                |
|-----|---------------------|---------------|--|
| V   | UNC-GSANVBXS35XX01  | 26.00         | ANTENNA, REPLACEMENT, G2, VHF              |
| V   | UNC-GSANUBXX35XX01  | 26.00         | ANTENNA, REPLACEMENT, G2/G3, UHF (380-450) |
| V   | UNC-GSANUCXX35XX01  | 26.00         | ANTENNA, REPLACEMENT, G2/G3, UHF (400-470) |
| V   | UNC-GSANUDXX35XX01  | 26.00         | ANTENNA, REPLACEMENT, G2/G3, UHF (450-520) |
| V   | UNC-GSANSXXXXXXXX01 | 17.00         | ANTENNA, REPLACEMENT, G4/G5, 700-800MHz    |
| V   | UNC-LG-G4-HNP       | 47.00         | CASE, NYLON, W/SWIVEL CLIP                 |
| V   | UNC-LG-G4-HLP       | 77.00         | CASE, LEATHER, W/SWIVEL CLIP               |
| V   | UNC-LG-G4-HNLP      | 47.00         | CASE, NYLON, BELTLOOP                      |
| V   | UNC-LG-G4-HLLP      | 77.00         | CASE, LEATHER, BELTLOOP                    |

EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

## MISSION CRITICAL ALLIANCE

### Zetron, Inc. | Dispatching & Alerting Platforms

Zetron provides technology solutions that optimize integrated communications. Solutions such as interoperable gateways, dispatch consoles, Fire Station Alerting, and other applications deliver quick, efficient, reliable, and integrated communications to emergency response and field operations teams.

Contact System Solution Engineering (SSE) for additional bundles, features, and other configurations for this solution.

For more details on the Zetron Pathway+ Analog Radio Gateway solution, please see catalog section 8.

| E/C | Model No.  | List Price \$ | Description                             |
|-----|------------|---------------|---|
| BC  | ZTN-BUNDLE | TBD           | CUSTOM CONFIGURATION Provided by Zetron |

*This page intentionally blank*



**VENDOR PRODUCTS**

Product Code: 77

All Vehicular Repeater orders must be placed through the Product Configurator. The following is for information only.

| E/C   | Model No.        | List Price \$ | Description   |
|---|------------------|---------------|---|
| <b>Vehicular Repeaters (Conventional)*</b>                          |                  |               |   |
| V   | PY-SVR-2008WS    | 1,905.00      | MOBILE, VEHICULAR REPEATER, SINGLE TRANSCEIVER, 851-870 MHZ, 25 KHZ   |
| V   | PY-SVR-2008ND    | 1,905.00      | MOBILE, VEHICULAR REPEATER, DUAL TRANSCEIVER 851-870 MHZ, 12.5 KHZ    |
| V   | PY-SVR-2008NS    | 1905.00       | MOBILE, VEHICULAR REPEATER, SINGLE TRANSCEIVER, 851-870 MHZ, 12.5 KHZ |
| V   | PY-SVR-200HND    | 1,695.00      | MOBILE, VEHICULAR REPEATER, DUAL TRANSCEIVER, 150-174 MHZ, 12.5-KHZ   |
| V   | PY-SVR-200HNS    | 1,695.00      | MOBILE, VEHICULAR REPEATER, SINGLE TRANSCEIVER, 150-174 MHZ, 12.5 KHZ |
| V   | PY-FY-1          | 180.00        | CABLE, PROGRAMMING, VEHICULAR REPEATER                                |
| V   | PY-SXA1204414/1  | 60.00         | BRACKET, CABLE SUPPORT, DUAL TRANSCEIVER                              |
| *For use with M7100 <sup>IP</sup> , Jaguar 725M, and Orion mobiles. |                  |               |   |
| <b>Miscellaneous Equipment</b>                                      |                  |               |   |
| S   | A06-0051-001     | 399.00        | SPEAKER MIC,V2 RSM 500F, XL CONNECT                                   |
| S   | A06-0052-001     | 230.00        | SPEAKER MIC, REVO NC2, 3.5MM JACK                                     |
| S   | A06-0052-002     | 65.00         | EARPHONE, LAPEL MICROPHONE, 3.5MM PLUG                                |
| S   | 1325010107       | 90.00         | CIRCUIT BREAKER, 1 AMP  |
| S   | 19B801454P19     | 50.00         | CABLE, COAX, 23 IN, N(M)/BNC(M)                                       |
| V   | AM-017465-001    | 7,640.00      | AMPLIFIER, TOWER TOP, 792-824 MHZ, 14 DB                              |
| V   | AN-013386-001    | 1,113.00      | ANTENNA, DISH, 2 FT, 26.6 DBI, TYPE N                                 |
| V   | CA-014984-000025 | 72.00         | CABLE, POWER, 2 PIN, SEALED, 25 FT                                    |
| V   | CA-015223-025    | 77.00         | CABLE, CAT5E, OUTDR, SHIELDED W/DRAIN, 25 FT                          |
| V   | CA-018344-001    | 3.45          | CABLE, CELLFLEX, 7/8 IN (PER FT)                                      |
| V   | CN-018354-007    | 35.00         | CONNECTOR, N(F),7/8 IN COAX   |
| V   | KT-018357-001    | 35.00         | KIT, GROUNDING FOR 7/8 IN COAXIAL, 60 IN                              |
| V   | KT-018357-002    | 20.00         | GROUNDING FOR 1/2 IN COAXIAL  |
| S   | 1738607-1        | 29.00         | KIT, PLUG, SOLID WIRE   |
| V   | PT-016508-001    | 90.00         | SURGE PROTECTOR, COAX, TYPE N, 4.9 GHZ                                |
| V   | PT-016508-003    | 265.00        | SURGE PROTECTOR, CAT5E, RJ45, DATA                                    |
| V   | PT-016508-004    | 272.00        | SURGE PROTECTOR, DC, WIRE, 27 VDC                                     |
| S   | G50-0024-005     | 80.00         | LGHTNG PROTECTR 50 OHM N(F) TO N(M) 375W                              |
| S   | REC098M          | 20.00         | ADAPTER, DB9 MALE TO RJ45   |
| VM  | SV-CG1K-DC       | 5,590.00      | MULTICOUPLER, 700/800 MHZ, 9 MHZ FILTER, DC                           |
| VN  | CM-027501-304    | 1,015.00      | MODULE, CISCO WIC-1DSU-T1-V2  |
| VN  | CM-027501-309    | 170.00        | CABLE, CAB-HD8-ASYNC  |
| VN  | VSCR08           | 7,000.80      | ROUTER, CISCO, 2911, DC, IPBASE, W/ETHER SWTCH                        |
| V   | CN-009256        | 45.00         | CONNECTOR, NF, 7/8 IN. COAX, O-RING SEALING                           |
| S   | CM-027501-316    | 1,900.00      | 1PORT 3RDGEN ML TFLEX TRNK VOICE/WAN CARD                             |
| VN  | NS-CP9T          | 1,700.00      | TIME SERVER, PROTEMPIS, NTP TS200                                     |

**VENDOR PRODUCTS**

Product Code: 77

| E/C   | Model No.        | List Price \$ | Description                                 |
|---|------------------|---------------|---|
| <b>Andrew</b>   |                  |               |   |
| <b>Base Station Antennas and Accessories</b>  |                  |               |   |
| Standard mounting hardware is included as described in the manufacturers' catalogs. Consult the catalogs for complete descriptions and current product specifications. Specify operating frequency for all Base Station Antennas. |                  |               |   |
| <b>108-174 MHz Antennas</b>   |                  |               |   |
| V   | 7567             | 595.00        | ANTENNA, 150-160 MHZ, OMNI, 6 DB, DB224-A   |
| V   | DB230-J          | 240.00        | ANTENNA, YAGI, CUT, 7 DB (NLA)              |
| V   | DB222-A          | 300.00        | ANTENNA, 150-158 MHZ, OMNI, 3 DB            |
| <b>406-512 MHz Antennas</b>   |                  |               |   |
| V   | DB436-C          | 235.00        | ANTENNA, 450-470 MHZ, YAGI, 10 DB           |
| V   | 7615             | 850.00        | ANTENNA, 450-470 MHZ, OMNI, 9.2 DB, DB420-B |
| <b>Antenna Mounting Hardware</b>  |                  |               |   |
| V   | 7699             | 500.00        | KIT, ANTENNA SIDE MOUNT, ASPR614            |
| <b>Power/Fiber Optic Cables</b>   |                  |               |   |
| V   | MAIROS0002-00350 | 3,065.00      | CABLE, POWER/FIBER OPTIC, 350 FT            |
| <b>Unassembled Cable and Connectors (For Field Assembly)</b>  |                  |               |   |
| Heliac coaxial for domestic orders is shipped on disposable (non-deposit or returnable (deposit required)) wooden reels.  |                  |               |   |
| V   | 7779             | 85.00         | CONNECTOR, N MALE FOR LDF5-50A, L5NM        |

**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.    | List Price \$ | Description                                    |
|--|--------------|---------------|--|
| <b>Combilent</b>                             |              |               |  |
| <b>Base Station Antennas and Accessories</b> |              |               |  |
| <b>Antenna Multicouplers</b>                 |              |               |  |
| VN   | SV-CG2A      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 3 MHZ, AC, 8 CH       |
| VN   | SV-CG2B      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 9 MHZ, AC, 8 CH       |
| VN   | SV-CG2C      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 12 MHZ, AC, 8 CH      |
| VN   | SV-CG2D      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 18 MHZ, AC, 8 CH      |
| VN   | SV-CG2E      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 3 MHZ, DC, 8 CH       |
| VN   | SV-CG2F      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 6 MHZ, DC, 8 CH       |
| VN   | SV-CG2G      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 12 MHZ, DC, 8 CH      |
| VN   | SV-CG2H      | 3,840.00      | MULTICOUPLER, 7/800 MHZ, 18 MHZ, DC, 8 CH      |
| <b>Transmitter Combiner</b>                  |              |               |  |
| VN   | AS-CB2H      | 8,525.00      | COMBINER, TX, 2-4 CH, 700 MHZ, AC, 150 KHZ     |
| VN   | AS-CB2I      | 13,025.00     | COMBINER, TX, 5-6 CH, 700 MHZ, AC, 150 KHZ     |
| VN   | AS-CB2J      | 15,800.00     | COMBINER, TX, 7-8 CH, 700 MHZ, AC, 150 KHZ     |
| VN   | AS-CB2K      | 7,950.00      | COMBINER, TX, 2-4 CH, 800 MHZ, AC, 150 KHZ     |
| VN   | AS-CB2L      | 12,125.00     | COMBINER, TX, 5-6 CH, 800 MHZ, AC, 150 KHZ     |
| VN   | AS-CB2M      | 14,700.00     | COMBINER, TX, 7-8 CH, 800 MHZ, AC, 150 KHZ     |
| S  | A33-0012-001 | 7,256.00      | COM, 851-869, 4 CH, 7/16-DIN, 250 KHZ, DPM, AC |
| S  | A33-0012-002 | 3,817.60      | COM, 851-869 MHZ, 2 CH-EXP, 7/16-DIN, 250 KHZ  |
| S  | A33-0012-003 | 6,217.60      | COM, 851-869 MHZ, 4 CH-EXP, 7/16-DIN, 250 KHZ  |
| S  | A33-0012-004 | 7,785.60      | COM, 763-776, 4 CH, 7/16-DIN, 250 KHZ, DPM, AC |
| S  | A33-0012-005 | 6,652.80      | COM, 763-776 MHZ, 4 CH-EXP, 7/16-DIN, 250 KHZ  |
| S  | A33-0012-006 | 4,126.40      | COM, 763-776 MHZ, 2 CH-EXP, 7/16-DIN, 250 KHZ  |
| S  | A33-0012-007 | 7,785.60      | COM, 763-776, 4 CH, 7/16-DIN, 250 KHZ, DPM, DC |
| S  | A33-0012-008 | 7,785.60      | COM, 763-776, 4 CH, 7/16-DIN, 150 KHZ, DPM, DC |
| S  | A33-0012-009 | 7,256.00      | COM, 851-869, 4 CH, 7/16-DIN, 150 KHZ, DPM, AC |
| S  | A33-0012-010 | 7,256.00      | COM, 851-869, 4 CH, 7/16-DIN, 250 KHZ, DPM, DC |
| <b>Filters</b>                               |              |               |  |
| S  | A33-1009-005 | 2,680.00      | FILTER, TX, 935-941 MHZ, COMPOSITE, DPM, DC    |
| S  | A33-1009-006 | 2,680.00      | FILTER, TX, 935-941 MHZ, COMPOSITE, DPM, AC    |
| <b>Power Monitors</b>                        |              |               |  |
| S  | A33-1016-001 | 2,660.00      | PWRMON, SELECTIVE, 150-174 MHZ, 7/16-DIN, AC   |
| S  | A33-1016-002 | 2,660.00      | PWRMON, SELECTIVE, 380-400 MHZ, 7/16-DIN, AC   |
| S  | A33-1016-003 | 2,660.00      | PWRMON, SELECTIVE, 403-440 MHZ, 7/16-DIN, AC   |
| S  | A33-1016-004 | 2,660.00      | PWRMON, SELECTIVE, 440-470 MHZ, 7/16-DIN, AC   |
| S  | A33-1016-005 | 2,660.00      | PWRMON, SELEC, 763-775 & 851-869, 7/16-DIN, AC |
| S  | A33-1016-006 | 2,660.00      | PWRMON, SELECTIVE, 935-941 MHZ, 7/16-DIN, AC   |
| S  | A33-1016-007 | 2,660.00      | PWRMON, SELECTIVE, 150-174 MHZ, 7/16-DIN, DC   |
| S  | A33-1016-008 | 2,660.00      | PWRMON, SELECTIVE, 440-470 MHZ, 7/16-DIN, DC   |
| S  | A33-1016-009 | 2,660.00      | PWRMON, SELEC, 763-775 & 851-869, 7/16-DIN, DC |
| S  | A33-1016-010 | 1,920.00      | PWRMON, SELECTIVE, 935-941 MHZ, 7/16-DIN, DC   |
| S  | A33-1016-011 | 2,660.00      | PWRMON, SELECTIVE, 380-400 MHZ, 7/16-DIN, DC   |
| S  | A33-1016-012 | 2,660.00      | PWRMON, SELECTIVE, 403-440 MHZ, 7/16-DIN, DC   |

**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.    | List Price \$ | Description   |
|--|--------------|---------------|---|
| <b>Sinclair Technologies</b>                 |              |               |   |
| <b>Base Station Antennas and Accessories</b> |              |               |   |
| <b>Antennas</b>                              |              |               |   |
| V  | E75-4006-002 | 3,195.00      | ANTENNA 5DBD OMNI 138-158 MHZ ODNTLT  |
| V  | E75-4006-003 | 3,195.00      | ANTENNA 5DBD OMNI 148-168 MHZ ODNTLT  |
| V  | E75-4006-004 | 3,195.00      | ANTENNA 5DBD OMNI 156-174 MHZ ODNTLT  |
| V  | E75-4006-005 | 1,610.00      | ANTENNA 4DBD OMNI 380-430 MHZ ODNTLT  |
| V  | E75-4006-505 | 1,570.00      | ANTENNA, 4DBD, HD, LOW PIM, PIP-RTD, 380-430<br>Requires 2 clamps each per unit |
| V  | Z95-0052-001 | 170.00        | CLAMP 147 ASSEMBLY  |
| V  | E75-4006-006 | 1,610.00      | ANTENNA 4DBD OMNI 403-470 MHZ ODNTLT  |
| V  | E75-4006-007 | 1,610.00      | ANTENNA 4DBD OMNI 450-512 MHZ ODNTLT  |
| V  | E75-4006-008 | 4,300.00      | ANTENNA 9DBD OMNI 380-430 MHZ ODNTLT  |
| V  | E75-4006-009 | 4,300.00      | ANTENNA 9DBD OMNI 403-470 MHZ ODNTLT  |
| V  | E75-4006-010 | 4,300.00      | ANTENNA 9DBD OMNI 450-512 MHZ ODNTLT  |
| V  | E75-4006-102 | 1,040.00      | ANTENNA 1.5DBD 138-174 MHZ BIDIR ODNTLT   |
| V  | E75-4006-202 | 2,180.00      | ANTENNA 4.5DBD 138-174 MHZ BIDIR ODNTLT   |
| V  | E75-4006-302 | 4,465.00      | ANTENNA 7DBD 138-174 MHZ BIDIR ODNTLT   |
| V  | E75-4006-402 | 6,670.00      | ANTENNA 9.5DB 138-174 MHZ BIDIR ODNTLT  |
| V  | E75-4006-011 | 1,960.00      | ANTENNA 7DBD BIDIR 370-430 MHZ ODNTLT   |
| V  | E75-4006-012 | 1,960.00      | ANTENNA 7.5DBD BIDIR 370-430 MHZ ODNTLT   |
| V  | E75-4006-013 | 1,960.00      | ANTENNA 7DBD BIDIR 406-470 MHZ ODNTLT   |
| V  | E75-4006-014 | 1,960.00      | ANTENNA 7.5DBD BIDIR 406-470 MHZ ODNTLT   |
| V  | E75-4006-015 | 1,960.00      | ANTENNA 7DBD BIDIR 450-512 MHZ ODNTLT   |
| V  | E75-4006-016 | 1,960.00      | ANTENNA 7.5DBD BIDIR 450-512 MHZ ODNTLT   |
| V  | E75-4006-104 | 1,040.00      | ANTENNA 2DBD OFFSET 138-174 MHZ ODNTLT  |
| V  | E75-4006-204 | 4,465.00      | ANTENNA 5DBD OFFSET 138-174 MHZ ODNTLT  |
| V  | E75-4006-304 | 4,465.00      | ANTENNA 7.5DB OFFSET 138-174 MHZ ODNTLT   |
| V  | E75-4006-404 | 6,670.00      | ANTENNA 10DB OFFSET 138-174 MHZ ODNTLT  |
| <b>Antenna Multicouplers</b>                 |              |               |   |
| V  | A33-1015-001 | 3,070.00      | MULTICOUPLER 8PORT BNC 132-174 MHZ  |
| V  | A33-1015-002 | 3,465.00      | MULTICOUPLER 16PORT BNC 132-174 MHZ   |
| V  | A33-1021-001 | 3,070.00      | MULTICOUPLER 8PORT BNC 380-512 MHZ  |
| V  | A33-1021-002 | 3,915.00      | MULTICOUPLER 16PORT BNC 380-512 MHZ   |

**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.    | List Price \$ | Description                              |
|--|--------------|---------------|--|
| <b>Sinclair Technologies (Cont'd)</b>  |              |               |  |
| <b>Duplexers and Cavities</b>  |              |               |  |
| Consult vendor catalog for complete descriptions and current specifications. When ordering, specify exact operating frequency for each duplexer or cavity. |              |               |  |
| V  | A33-1011-002 | 2,110.00      | DUPLEXER 4 CAV 148-174 MHZ               |
| V  | G27-0022-001 | 985.00        | DUPLEXER 4 CAV 380-406 MHZ               |
| V  | G27-0022-002 | 1,560.00      | DUPLEXER 6 CAV 406-420 MHZ               |
| V  | G27-0022-003 | 1,560.00      | DUPLEXER 6 CAV 450-470 MHZ               |
| V  | G27-0022-004 | 1,560.00      | DUPLEXER 6 CAV 420-450 MHZ               |
| V  | G27-0022-005 | 1,560.00      | DUPLEXER 6 CAV 470-512 MHZ               |
| <b>Preselectors</b>  |              |               |  |
| V  | A33-1012-001 | 2,455.00      | RX PRESELECTOR 1 MHZ BW 130-150 MHZ      |
| V  | A33-1012-002 | 2,455.00      | RX PRESELECTOR 1 MHZ BW 150-174 MHZ      |
| V  | A33-1022-001 | 2,305.00      | RX PRESELECTOR 2MHZ BW 450-470 MHZ       |
| V  | A33-1022-002 | 2,305.00      | RX PRESELECTOR 2MHZ BW 470-512 MHZ       |
| V  | A33-1022-003 | 2,825.00      | RX PRESELECTOR 4MHZ BW 450-470 MHZ       |
| V  | A33-1022-004 | 2,825.00      | RX PRESELECTOR 5MHZ BW 380-430 MHZ       |
| V  | A33-1013-001 | 1,490.00      | TX PRESELECTOR 2 MHZ BW 138-155 MHZ      |
| V  | A33-1013-002 | 1,490.00      | TX PRESELECTOR 2 MHZ BW 155-174 MHZ      |
| V  | A33-1023-001 | 875.00        | TX OR RX PRESELECTOR 1MHZ BW 406-450 MHZ |
| V  | A33-1023-002 | 875.00        | TX OR RX PRESELECTOR 2MHZ BW 406-450 MHZ |
| V  | A33-1023-003 | 875.00        | TX OR RX PRESELECTOR 3MHZ BW 406-440 MHZ |
| V  | A33-1023-004 | 875.00        | TX OR RX PRESELECTOR 4MHZ BW 406-450 MHZ |
| V  | A33-1023-005 | 875.00        | TX OR RX PRESELECTOR 1MHZ BW 450-512 MHZ |
| V  | A33-1023-006 | 875.00        | TX OR RX PRESELECTOR 2MHZ BW 450-512 MHZ |
| V  | A33-1023-007 | 875.00        | TX OR RX PRESELECTOR 3MHZ BW 440-480 MHZ |
| V  | A33-1023-008 | 875.00        | TX OR RX PRESELECTOR 4MHZ BW 450-512 MHZ |
| V  | A33-1023-009 | 875.00        | TX OR RX PRESELECTOR 5MHZ BW 450-512 MHZ |
| V  | A33-1023-010 | 875.00        | TX OR RX PRESELECTOR 3MHZ BW 480-512 MHZ |
| <b>Transmitter Combiners</b>   |              |               |  |
| V  | A33-1014-002 | 5,140.00      | TX COMBINER 2CH NF 132-174 MHZ           |
| V  | A33-1014-003 | 7,865.00      | TX COMBINER 3CH NF 132-174 MHZ           |
| V  | A33-1014-004 | 9,090.00      | TX COMBINER 4CH NF 132-174 MHZ           |
| V  | A33-1014-005 | 13,191.00     | TX COMBINER 5CH NF 132-174 MHZ           |

**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.     | List Price \$ | Description  |
|--|---------------|---------------|--|
| <b>DBSpectra</b>                             |               |               |  |
| <b>Base Station Antennas and Accessories</b> |               |               |  |
| <b>Antennas</b>                              |               |               |  |
| V  | AN-016803-001 | 2,275.00      | ANTENNA, 400-436 MHZ, 6 DB GAIN, OMNI, DS4A06F36U-N  |
| V  | AN-016804-001 | 1,875.00      | ANTENNA, 806-869 MHZ, 10 DB GAIN, OMNI, DS8A10F36U-N |
| V  | AN-016805-001 | 2,500.00      | ANTENNA, 806-869 MHZ, 12 DB GAIN, OMNI, DS8A12F36U-N |
| <b>Antenna Multicouplers</b>                 |               |               |  |
| VN   | SV-CG1R       | 3,840.00      | MULTICOUPLER, 7/800 MHZ, AC, 8 CH                    |
| VN   | SV-CG1T       | 3,840.00      | MULTICOUPLER, 7/800 MHZ, DC, 8 CH                    |
| VN   | SV-CG1U       | 4,600.00      | MULTICOUPLER, 7/800 MHZ, AC, 16 CH                   |
| VN   | SV-CG1V       | 4,830.00      | MULTICOUPLER, 7/800 MHZ, DC, 16 CH                   |
| VN   | SV-CG1W       | 5,495.00      | MULTICOUPLER, 7/800 MHZ, AC, 24 CH                   |
| VN   | SV-CG1X       | 5,725.00      | MULTICOUPLER, 7/800 MHZ, DC, 24 CH                   |
| VN   | SV-CG1Y       | 6,335.00      | MULTICOUPLER, 7/800 MHZ, AC, 32 CH                   |
| VN   | SV-CG1Z       | 6,625.00      | MULTICOUPLER, 7/800 MHZ, DC, 32 CH                   |
| <b>Power Monitors</b>                        |               |               |  |
| S  | A33-1016-101  | 2,550.00      | PWRMON, SELECTIVE, 138-150 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-102  | 2,630.00      | PWRMON, SELECTIVE, 138-150 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-103  | 2,550.00      | PWRMON, SELECTIVE, 150-174 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-104  | 2,630.00      | PWRMON, SELECTIVE, 150-174 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-105  | 2,550.00      | PWRMON, SELECTIVE, 380-430 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-106  | 2,630.00      | PWRMON, SELECTIVE, 380-430 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-107  | 2,550.00      | PWRMON, SELECTIVE, 430-470 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-108  | 2,630.00      | PWRMON, SELECTIVE, 430-470 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-109  | 2,550.00      | PWRMON, SELECTIVE, 470-512 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-110  | 2,630.00      | PWRMON, SELECTIVE, 470-512 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-111  | 2,550.00      | PWRMON, SELECTIVE, 763-776 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-112  | 2,630.00      | PWRMON, SELECTIVE, 773-776 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-113  | 2,550.00      | PWRMON, SELECTIVE, 851-869 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-114  | 2,630.00      | PWRMON, SELECTIVE, 851-869 MHZ, 7/16-DIN, DC         |
| S  | A33-1016-115  | 2,550.00      | PWRMON, SELECTIVE, 935-941 MHZ, 7/16-DIN, AC         |
| S  | A33-1016-116  | 2,630.00      | PWRMON, SELECTIVE, 935-941 MHZ, 7/16-DIN, DC         |

**VENDOR PRODUCTS**

Product Code: 77

| E/C | Model No. | List Price \$ | Description |
|-----|-----------|---------------|-------------|
|-----|-----------|---------------|-------------|

**DBSpectra (Cont'd)**

**Duplexers and Cavities**

Consult vendor catalog for complete descriptions and current specifications. When ordering, specify exact operating frequency for each duplexer or cavity. All 7000 series options on this page are drop shipped for field installation only. Installation Kits are not included.

|   |      |          |   |
|---|------|----------|---|
| V | 7658 | 2,580.00 | DUPLEXER, 148-174 MHZ, 4 CAVITIES, DB4059 |
|---|------|----------|---|

**Transmitter Combiner**

|   |              |           |                                   |
|---|--------------|-----------|-----------------------------------|
| S | A33-0001-023 | 26,100.00 | COMBINER, TX, 800 MHZ, 12 CH. DIN |
| S | A33-0001-022 | 23,925.00 | COMBINER, TX, 800 MHZ, 11 CH. DIN |
| S | A33-0001-021 | 21,750.00 | COMBINER, TX, 800 MHZ, 10 CH. DIN |
| S | A33-0001-020 | 19,575.00 | COMBINER, TX, 800 MHZ, 9 CH. DIN  |
| S | A33-0001-019 | 17,400.00 | COMBINER, TX, 800 MHZ, 8 CH. DIN  |
| S | A33-0001-018 | 15,225.00 | COMBINER, TX, 800 MHZ, 7 CH. DIN  |
| S | A33-0001-017 | 13,050.00 | COMBINER, TX, 800 MHZ, 6 CH. DIN  |
| S | A33-0001-016 | 10,875.00 | COMBINER, TX, 800 MHZ, 5 CH. DIN  |
| S | A33-0001-015 | 9,700.00  | COMBINER, TX, 800 MHZ, 4 CH. DIN  |
| S | A33-0001-014 | 6,525.00  | COMBINER, TX, 800 MHZ, 3 CH. DIN  |
| S | A33-0001-013 | 4,350.00  | COMBINER, TX, 800 MHZ, 2 CH. DIN  |
| S | A33-0001-012 | 26,100.00 | COMBINER, TX, 700 MHZ, 12 CH. DIN |
| S | A33-0001-011 | 23,925.00 | COMBINER, TX, 700 MHZ, 11 CH. DIN |
| S | A33-0001-010 | 21,750.00 | COMBINER, TX, 700 MHZ, 10 CH. DIN |
| S | A33-0001-009 | 19,575.00 | COMBINER, TX, 700 MHZ, 9 CH. DIN  |
| S | A33-0001-008 | 17,400.00 | COMBINER, TX, 700 MHZ, 8 CH. DIN  |
| S | A33-0001-007 | 15,225.00 | COMBINER, TX, 700 MHZ, 7 CH. DIN  |
| S | A33-0001-006 | 13,050.00 | COMBINER, TX, 700 MHZ, 6 CH. DIN  |
| S | A33-0001-005 | 10,875.00 | COMBINER, TX, 700 MHZ, 5 CH. DIN  |
| S | A33-0001-004 | 9,700.00  | COMBINER, TX, 700 MHZ, 4 CH. DIN  |
| S | A33-0001-003 | 6,525.00  | COMBINER, TX, 700 MHZ, 3 CH. DIN  |
| S | A33-0001-002 | 4,350.00  | COMBINER, TX, 700 MHZ, 2 CH. DIN  |
| V | DB4368-5-AD  | 10,555.00 | COMBINER, 5 CHANNELS, 410-430 MHZ |
| V | DB4368-5-AB  | 9,765.00  | COMBINER, 5 CHANNELS, 406-416 MHZ |
| V | DB4368-5-AA  | 10,555.00 | COMBINER, 5 CHANNELS, 370-400 MHZ |

**Installation Accessories**

|   |               |        |                                     |
|---|---------------|--------|-------------------------------------|
| V | XE-014893-001 | 120.00 | TAPE, VAPOR-WRAP, 3 IN., 50 FT ROLL |
|---|---------------|--------|-------------------------------------|

**Larsen**

**Base Station Antennas and Accessories**

|   |              |       |                                      |
|---|--------------|-------|--------------------------------------|
| V | NMOMMRN      | 40.00 | ANTENNA, BASE, MAGNETIC, TYPE N CONN |
| V | NMOQSPEC800B | 15.00 | ANTENNA, 1/4 WAVE                    |

**Polyphaser**

**Cables, Connectors, and Surge Protectors**

|   |              |        |   |
|---|--------------|--------|---|
| V | G50-0032-002 | 225.00 | VHF SURGE PROTECTOR/COMB 100-512 MHZ 750W |
|---|--------------|--------|---|

**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.     | List Price \$ | Description  |
|--|---------------|---------------|--|
| <b>Radio Frequency Systems (RFS)</b>         |               |               |  |
| <b>Base Station Antennas and Accessories</b> |               |               |  |
| V  | BMR10-A-B1    | 5,675.00      | ANTENNA, 806-869 MHZ, OMNI, 12 DB                      |
| V  | BMR12-O-B1    | 5,675.00      | ANTENNA, 806-869 MHZ, OMNI, 12 DB                      |
| <b>Transmitter Combiner</b>                  |               |               |  |
| V  | WIJD862-02S   | 2,775.00      | COMBINER, 851-869 MHZ, 2 CHANNEL                       |
| V  | WIJD862-04S   | 4,935.00      | COMBINER, 851-869 MHZ, 4 CHANNEL                       |
| V  | WIJD862-06S   | 6,345.00      | COMBINER, 851-869 MHZ, 6 CHANNEL                       |
| V  | WIJD862-08S   | 10,290.00     | COMBINER, 851-869 MHZ, 8 CHANNEL                       |
| <b>Installation Accessories</b>              |               |               |  |
| V  | KT-014874-001 | 30.00         | KIT, HOISTING GRIP, 1/2 IN. CABLE                      |
| V  | KT-014859-001 | 30.00         | KIT, COAXIAL HOISTING GRIP, 7/8 IN. CABLE              |
| V  | KT-014844-001 | 55.00         | KIT, COAXIAL HOISTING GRIP, 1-5/8 IN.                  |
| V  | KT-014871-001 | 30.00         | KIT, NYLON CABLE TIE, QUANTITY OF 50                   |
| V  | KT-014873-001 | 40.00         | KIT, HANGER, 7/8 IN. CABLE, QUANTITY OF 10             |
| V  | KT-014872-001 | 40.00         | KIT, HANGER, 1-5/8 IN. CABLE, QUANTITY OF 10           |
| V  | KT-014875-001 | 30.00         | KIT, HANGER, 1/2 IN. CABLE                             |
| V  | KT-014869-001 | 85.00         | KIT, ANGLE ADAPTER, QUANTITY OF 10                     |
| V  | KT-014845-001 | 38.00         | KIT, FEEDTHRU BOOT, 7/8 IN.                            |
| V  | KT-014846-001 | 25.00         | KIT, FEEDTHRU BOOT, 1-5/8 IN.                          |
| V  | KT-014860-001 | 55.00         | KIT, CABLE BOOT, 4 IN., 3 HOLES, 1/2 IN. CABLE         |
| V  | KT-014861-001 | 55.00         | KIT, CABLE BOOT, 4 IN., FOR ONE 7/8 IN. CABLE          |
| V  | KT-014862-001 | 55.00         | KIT, CABLE BOOT, 4 IN., FOR ONE 1-5/8 IN. CABLE        |
| V  | CN-014952-001 | 115.00        | TERMINATION, 5 0 OHM LOAD, N, 900M                     |
| V  | KT-014864-001 | 35.00         | KIT, GROUNDING, WITH GROUND LUG, FOR 1-5/8 IN. CABLE   |
| V  | KT-014866-001 | 40.00         | KIT, SNAP-IN HANGER, FOR 7/8 IN. CABLE, QUANTITY OF 10 |
| V  | KT-014870-001 | 20.00         | KIT, HARDWARE, 3/8 IN., QUANTITY OF 10                 |



**VENDOR PRODUCTS**

Product Code: 77

| E/C  | Model No.     | List Price \$ | Description                                     |
|--|---------------|---------------|---|
| <b>Radio Frequency Systems (RFS) (Cont'd)</b>                |               |               |   |
| <b>Cables and Connectors</b>                                 |               |               |   |
| V  | CA-015465-001 | 1.95          | CABLE, COAXIAL, 1/4 IN. CELLFLEX                |
| V  | CA-015466-001 | 2.75          | CABLE, COAXIAL, 1/2 IN. SUPERFLEX               |
| V  | CA-015468-001 | 2.00          | CABLE, COAXIAL, 1/2 IN., LOW LOSS FOAM          |
| V  | CA-015474-001 | 3.25          | CABLE, COAXIAL, 7/8 IN., LOW LOSS FOAM          |
| V  | CA-015471-001 | 7.00          | CABLE, COAXIAL, 1-5/8 IN., LOW LOSS FOAM        |
| V  | LCF12-50J     | 3.00          | CABLE, COAXIAL, 1/2" LOW LOSS, LCF12-50J        |
| V  | CA-014840-001 | 105.00        | CABLE, 6 FT, NM/NM, 1/2H, F4-NMNM-6/FSJ4-50B    |
| V  | 716F-NM       | 65.00         | ADAPTER, 7/16F TO NM CONNECTOR                  |
| V  | CN-015463-001 | 40.00         | CONNECTOR, N MALE, 1/2 IN. COAX                 |
| V  | CN-015464-001 | 45.00         | CONNECTOR, N FEMALE, 1/2 IN. COAX               |
| V  | CN-015476-001 | 160.00        | CONNECTOR, N FEMALE, 1-5/8 IN. COAX             |
| V  | CN-015462-001 | 85.00         | CONNECTOR, BNC-M, 1/4 IN. COAX, SHRINK SLEEVE   |
| V  | CN-015467-001 | 40.00         | CONNECTOR, N MALE, 1/2 IN. COAX, RAPID FIT      |
| V  | NF-SCF12-070  | 45.00         | CONNECTOR, NF FOR 1/2" COAXIAL, THREADED GASKET |
| V  | 1655924-1     | 50.00         | CONNECTOR, NF FOR 1/2" COAXIAL, RAPID FIT       |
| V  | NM-LCF12-070  | 30.00         | CONNECTOR, NM FOR 1/2" COAXIAL                  |
| V  | NM-SCF12-070  | 40.00         | CONNECTOR, RAPID FIT, SCF12-50 NM               |
| V  | NM-SCF12-071  | 105.00        | CONNECTOR, NM FOR 1/2" COAX, RIGHT ANGLE        |
| V  | NM-LCF14-070  | 30.00         | CONNECTOR, NM FOR 1/4" COAXIAL, RAPID           |
| V  | CN-014856-001 | 65.00         | CONNECTOR, TNC MALE, FOR 1/4 S-FLEX             |
| V  | W56-1000-110  | 130.00        | JUMPER, 1/2IN, N(M)-7-16(M) DIN, 10FT, FFP      |
| V  | W56-1000-210  | 130.00        | JUMPER, 1/2IN, N(M)-N(M), 10FT, FFP             |
| V  | W56-1000-406  | 60.00         | JUMPER, 1/2IN, 7-16 DIN M-M, 6FT, FFP           |
| V  | W56-1000-410  | 60.00         | JUMPER, 1/2IN, 7-16 DIN M-M, 10FT, FFP          |
| <b>Unassembled Cable and Connectors (For Field Assembly)</b> |               |               |   |
| V  | CN-014876-001 | 45.00         | CONNECTOR, N MALE, RIGHT ANGLE                  |
| V  | CN-014877-001 | 30.00         | CONNECTOR, N FEMALE, FOR LDF4-50A               |
| V  | CN-014878-001 | 40.00         | CONNECTOR, N FEMALE, FOR LDF5-50A               |

**VENDOR PRODUCTS**

Product Code: 77

| E/C   | Model No.     | List Price \$ | Description  |
|---|---------------|---------------|--|
| <b>Transtector</b>                              |               |               |  |
| <b>Cables, Connectors, and Surge Protectors</b> |               |               |  |
| V   | DSXL-MA-BF    | 140.00        | FILTER, LIGHTNING, 800-900 MHZ   |
| V   | 7239          | 100.00        | FILTER, LIGHTNING, 125-1000 MHZ, IS-B50LN-C2-MA For Coax Protection, Bulkhead Mounting |
| V   | VHF50HN-MA    | 160.00        | SURGE PROTECTOR, COAXIAL   |
| V   | DSXL-MA-BF    | 140.00        | SURGE PROTECTOR, COAXIAL   |
| <b>Transtector and Tessco</b>                   |               |               |  |
| <b>Cables, Connectors, and Surge Protectors</b> |               |               |  |
| V   | PT-018602-001 | 175.00        | FILTER, SURGE PROTECTOR, 800-2500 MHZ  |
| <b>TX RX Systems</b>                            |               |               |  |
| <b>Base Station Antennas and Accessories</b>    |               |               |  |
| V   | AN-009170     | 4,100.00      | ANTENNA, 746-869 MHZ, OMNI, 10 DB  |
| <b>Antenna Multicouplers</b>                    |               |               |  |
| V   | 42-57-01-04N  | 2,490.00      | RX MULTICOUPLER, 4 PORT, 380-520 MHZ   |
| V   | 75-83A-02-24  | 535.00        | MULTICOUPLER, EXPAN, 16 TO 24 PORTS  |

**VENDOR PRODUCTS**

Product Code: 77

| E/C              | Model No.    | List Price \$ | Description   |
|------------------|--------------|---------------|---|
| <b>Intraplex</b> |              |               |   |
| V                | A30-0419-006 | 25.00         | AC POWER SUPPLY CORD, IX-AC-CORD                    |
| V                | A30-0419-007 | 4,485.00      | ACS T1 MUX NO PS RJ48C 3RU, IX-ACS-163-00C          |
| V                | A30-0419-009 | 5,005.00      | ACS T1 MUX 24VDC RJ48C, IX-ACS-163-24C              |
| V                | A30-0419-011 | 5,005.00      | ACS T1 MUX 48VDC RJ48C, IX-ACS-163-48C              |
| V                | A30-0419-013 | 5,330.00      | ACS T1 MUX 100W AC RJ48C, IX-ACS-163-A1C            |
| V                | A30-0419-014 | 5,720.00      | ACS T1 MUX DUAL AC RJ48C, IX-ACS-163-A2C            |
| V                | A30-0419-016 | 5,005.00      | ACS T1 MUX AC RJ48C IX-ACS-163-ACC                  |
| V                | A30-0419-018 | 9,230.00      | ACS T1 RDNT MUX 24VDC RJ48C, IX-ACS-163R-24C        |
| V                | A30-0419-019 | 9,230.00      | ACS T1 RDNT MUX 48VDC RJ48C, IX-ACS-163R-48C        |
| V                | A30-0419-020 | 9,230.00      | ACS T1 RDNT MUX AC RJ48C, IX-ACS-163R-ACC           |
| V                | A30-0419-021 | 11,310.00     | ACS T1 RDNT DELAY MUX 24V RJ45, IX-ACS-163RTD-24C   |
| V                | A30-0419-022 | 11,310.00     | ACS T1 RDNT DELAY MUX 48V RJ45, IX-ACS-163RTD-48C   |
| V                | A30-0419-023 | 11,310.00     | ACS T1 RDNT DELAY MUX AC RJ45, IX-ACS-163RTD-ACC    |
| V                | A30-0419-024 | 5,850.00      | ACS T1 TIME DELAY MUX 24VDC RJ48C, IX-ACS-163TD-24C |
| V                | A30-0419-025 | 5,850.00      | ACS T1 TIME DELAY MUX 48VDC RJ8C, IX-ACS-163TD-48C  |
| V                | A30-0419-026 | 5,850.00      | ACS T1 TIME DELAY MUX RJ8C AC, IX-ACS-163TD-ACC     |
| V                | A30-0419-027 | 7,020.00      | ACS T1 D&I MUX NO PS RJ48C 3RU                      |
| V                | A30-0419-029 | 7,150.00      | ACS T1 D&I MUX 24VDC RJ48C, IX-ACS-165-24C          |
| V                | A30-0419-031 | 7,150.00      | ACS T1 D & I MUX 48VDC RJ48C, IX-ACS-165-48C        |
| V                | A30-0419-034 | 7,665.00      | ACS-T1 D&I MUX 100W AC RJ48C, IX-ACS-165-A1C        |
| V                | A30-0419-036 | 7,150.00      | ACS T1 D&I MUX AC RJ48C, IX-ACS-165-ACC             |
| V                | A30-0419-038 | 7,410.00      | ACS T1 DUAL MUX NO PS RJ48C                         |
| V                | A30-0419-040 | 7,540.00      | ACS T1 DUAL MUX 24VDC RJ48C, IX-ACS-166-24C         |
| V                | A30-0419-042 | 7,540.00      | ACS T1 DUAL MUX 48VDC RJ48C, IX-ACS-166-48C         |
| V                | A30-0419-044 | 7,995.00      | ACS T1 DUAL MUX 100W AC RJ48C, IX-ACS-166-A1C       |
| V                | A30-0419-046 | 7,540.00      | ACS T1 DUAL MUX AC RJ48C, IX-ACS-166-ACC            |
| V                | A30-0419-048 | 15,465.00     | ACS T1 DUAL RDNT MUX 24VDC RJ48C, IX-ACS-166R-24C   |
| V                | A30-0419-049 | 15,465.00     | ACS T1 DUAL RDNT MUX 48VDC RJ48C, IX-ACS-166R-48C   |
| V                | A30-0419-050 | 15,465.00     | ACS T1 DUAL RDNT MUX, IX-ACS-166R-ACC               |
| V                | A30-0419-051 | 19,625.00     | DUAL RDNT DELAY MUX 48V RJ45, IX-ACS-166RTD-48C     |

**VENDOR PRODUCTS**

Product Code: 77

| E/C                       | Model No.    | List Price \$ | Description   |
|---------------------------|--------------|---------------|---|
| <b>Intraplex (Cont'd)</b> |              |               |   |
| V                         | A30-0419-052 | 8,710.00      | ACS T1 TD DUAL MUX RJ45 48V, IX-ACS-166TD-48C         |
| V                         | A30-0419-053 | 8,710.00      | ACS T1 TD DUAL MUX AC RJ48C, IX-ACS-166TD-ACC         |
| V                         | A30-0419-055 | 5,005.00      | ACS T1 MUX SINGLE AC RJ48C, IX-ACS-167-ACC            |
| V                         | A30-0419-057 | 7,150.00      | ACS T1 D & I MUX AC RJ48C, IX-ACS-168-ACC             |
| V                         | A30-0419-060 | 215.00        | DOOR FOR 3RU ACCESS SERVER, IX-ACS-DOOR3              |
| V                         | A30-0419-061 | 2,990.00      | ACS DUAL EMPTY SHELF 3RU, IX-ACS-DSHLF-3RU            |
| V                         | A30-0419-062 | 360.00        | ACS DUAL AC POWER FEED, IX-ACS-OPT1                   |
| V                         | A30-0419-063 | 3,055.00      | ACS SHELF 1RU WITH 60W AC, IX-ACS-SHELF-1RU           |
| V                         | A30-0419-064 | 2,665.00      | ACS EMPTY SHELF 3RU, IX-ACS-SHELF-3RU                 |
| V                         | A30-0419-065 | 235.00        | CABLE, RJ-11-DB-9 ADAPTER, IX-CA-201                  |
| V                         | A30-0419-066 | 235.00        | CABLE MA-235-1/-2 INTERCONNECT, IX-CA-202             |
| V                         | A30-0419-067 | 65.00         | CABLE, CM-5/7 REDUNDANCY                              |
| V                         | A30-0419-224 | 40.20         | CABLE, BNC TO BNC 3 FT, IX-CA-415                     |
| V                         | A30-0419-226 | 53.60         | CABLE, RJ-48C NTWK 3FT, IX-CA-418                     |
| V                         | A30-0419-227 | 40.20         | CABLE RS232/RS485, IX-CA-419                          |
| V                         | A30-0419-228 | 63.06         | CABLE, RJ12-RJ12, IX-CA-420                           |
| V                         | A30-0419-070 | 2,275.00      | NETXPRESS LX IP COMMON MODULE, IX-CM-30               |
| V                         | A30-0419-071 | 6,295.00      | CM-30 PACKAGE, IX-CM-30-PKG                           |
| V                         | A30-0419-072 | 2,860.00      | T1 LINE REDUNDANT COMMON MODULE, IX-CM-5RB            |
| V                         | A30-0419-073 | 4,030.00      | T1 TIME DELAY REDUNDANT COMMON MODULE,<br>IX-CM-5R-TD |
| V                         | A30-0419-074 | 1,885.00      | T1 DCS COMMON MODULE, IX-CM-95                        |
| V                         | A30-0419-075 | 4,290.00      | UNIVERSAL WIDEBAND DATA, IX-D-100                     |
| V                         | A30-0419-076 | 1,870.00      | ASYNC DATA 4PORT 19.2 KBPS                            |
| V                         | A30-0419-077 | 1,870.00      | ASYNC DATA 4PORT 38.4 KBPS                            |
| V                         | A30-0419-079 | 2,590.00      | T1 DCS SWITCH MODULE                                  |
| V                         | A30-0419-083 | 7,540.00      | T1 DCS SYSTEM 3U 24VDC RJ48C, IX-DCS-9530-24C         |
| V                         | A30-0419-085 | 7,540.00      | T1 DCS SYSTEM 3U 48VDC RJ48C, IX-DCS-9530-48C         |
| V                         | A30-0419-087 | 8,190.00      | T1 DCS SYSTEM 3U AC130 RJ45, IX-DCS-9530-A1C          |
| V                         | A30-0419-089 | 7,540.00      | T1 DCS SYSTEM 3U AC RJ48C, IX-DCS-9530-ACC            |

**VENDOR PRODUCTS**

Product Code: 77

| E/C                       | Model No.    | List Price \$ | Description   |
|---------------------------|--------------|---------------|---|
| <b>Intraplex (Cont'd)</b> |              |               |   |
| V                         | A30-0419-090 | 7,410.20      | T1 DCS SERVER NO PS RJ48C, IX-DCS-9560-00C                  |
| V                         | A30-0419-092 | 9,750.00      | T1 DCS SERVER 24VDC RJ48C, IX-DCS-9560-24C                  |
| V                         | A30-0419-094 | 9,750.00      | T1 DCS SERVER 48VDC RJ48C, IX-DCS-9560-48C                  |
| V                         | A30-0419-096 | 10,270.00     | T1 DCS SERVER 100W AC RJ48C, IX-DCS-9560-A1C                |
| V                         | A30-0419-098 | 9,750.00      | T1 DCS SERVER AC RJ48C                                      |
| V                         | A30-0419-099 | 13,730.00     | TIME DELAY RDNT T1 DCSSVR 48VDC RJ48C,<br>IX-DCS-9560RTD48C |
| V                         | A30-0419-100 | 10,335.00     | TIME DELAY T1 DCSSVR 24VDC RJ48C, IX-DCS-9560TD-24C         |
| V                         | A30-0419-101 | 10,335.00     | TIME DELAY T1 DCSSVR 48VDC RJ48C, IX-DCS-9560TD-48C         |
| V                         | A30-0419-102 | 10,335.00     | TIME DELAY T1 DCSSVR AC RJ48C, IX-DCS-9560TD-ACC            |
| V                         | A30-0419-104 | 11,830.00     | T1 DCS DUAL SERVER 24VDC RJ48C, IX-DCS-9565-24C             |
| V                         | A30-0419-106 | 11,830.00     | T1 DCS DUAL SERVER 48VDC RJ48C, IX-DCS-9565-48C             |
| V                         | A30-0419-107 | 12,870.00     | T1 DCS DUAL SERVER 100W AC RJ48C, IX-DCS-9565-A1C           |
| V                         | A30-0419-109 | 11,830.00     | T1 DCS DUAL SERVER AC RJ48C, IX-DCS-9565-ACC                |
| V                         | A30-0419-110 | 215.00        | DOOR FOR 3RU CROSS-CONNECT, IX-DCS-DOOR3                    |
| V                         | A30-0419-111 | 650.00        | PROGRAM MAP FOR 1 DCS SERVER, IX-DCSMAP                     |
| V                         | A30-0419-112 | 360.00        | DCS DUAL AC POWER FEED, IX-DCS-OPT1                         |
| V                         | A30-0419-113 | 2,665.00      | DCS EMPTY SHELF 3RU, IX-DCS-SHELF-3RU                       |
| V                         | A30-0419-114 | 1,466.00      | SYNC DATA WIDEBAND  |
| V                         | A30-0419-115 | 1,280.50      | FIVE PORT M/RATE RS-232, IX-DS-961DG                        |
| V                         | A30-0419-116 | 2,077.00      | SYNC DATA 5 PORT 10 CONTACTS                                |
| V                         | A30-0419-117 | 2,398.60      | DS-966A & MA-417A KIT, IX-DS-966A-MA-417A                   |
| V                         | A30-0419-120 | 4,940.00      | NETXPRESS LX 1RU SHELF, 60W AC, IX-LX-100-AC                |
| V                         | A30-0419-121 | 4,940.00      | NETXPRESS LX 3RU SHELF, 24V DC, IX-LX-300-24                |
| V                         | A30-0419-122 | 4,940.00      | NETXPRESS LX 3RU SHELF, 48V DC, IX-LX-300-48                |
| V                         | A30-0419-123 | 5,330.00      | NETXPRESS LX 3RU SHELF, 100W AC, IX-LX-300-A1               |
| V                         | A30-0419-124 | 4,940.00      | NETXPRESS LX 3RU SHELF, 60W AC, IX-LX-300-AC                |
| V                         | A30-0419-125 | 415.00        | NTWK INT T1 100W CSU RJ48C                                  |
| V                         | A30-0419-127 | 435.00        | NTWK INT E1 75 OHM BNC, IX-MA-217A                          |
| V                         | A30-0419-129 | 290.00        | NETXPRESS LX IP MODULE ADAPTER, IX-MA-230                   |
| V                         | A30-0419-130 | 630.00        | NTWK INT T1E1 R-PRIMARY RJ48C, IX-MA-235-1                  |
| V                         | A30-0419-131 | 800.00        | NTWK INT T1E1 R-BACKUP RJ48C, IX-MA-235-2                   |
| V                         | A30-0419-132 | 715.00        | MOD ADAPT CM-95/CM-95E 3RU, IX-MA-251A                      |

**VENDOR PRODUCTS**

Product Code: 77

| E/C                       | Model No.    | List Price \$ | Description                               |
|---------------------------|--------------|---------------|---|
| <b>Intraplex (Cont'd)</b> |              |               |   |
| V                         | A30-0419-134 | 380.00        | DCS MA BNC PORT 1, 2, IX-MA-255B-1        |
| V                         | A30-0419-135 | 380.00        | DCS MA BNC PORT 3, 4, IX-MA-255B-2        |
| V                         | A30-0419-136 | 380.00        | DCS MA BNC PORT 5, 6, IX-MA-255B-3        |
| V                         | A30-0419-137 | 470.00        | DCS MA RJ48C PORT 1, 2, 3, IX-MA-255C-1   |
| V                         | A30-0419-138 | 470.00        | DCS MA RJ48C PORT 4, 5, 6, IX-MA-255C-2   |
| V                         | A30-0419-139 | 345.00        | 4CH VOICE INT 50 PIN                      |
| V                         | A30-0419-140 | 195.00        | 2CH VOICE INT RJ11                        |
| V                         | A30-0419-141 | 415.00        | 4CH 4W VOICE 50 PIN +V E&M                |
| V                         | A30-0419-142 | 415.00        | 4CH 4W VOICE 50 PIN TELCO E&M, IX-MA-305C |
| V                         | A30-0419-143 | 415.00        | ASSY W/MOD CONN RJ45, IX-MA-306C          |
| V                         | A30-0419-145 | 620.00        | 4PORT 2WIRE-4WIRE CONV, IX-MA-309C        |
| V                         | A30-0419-146 | 620.00        | 4 CH 2W TO 4W CONVERTER RJ45, IX-MA-310   |
| V                         | A30-0419-147 | 428.80        | 4CH 4W VOICE 50PIN FOR VF-40, IX-MA-311   |
| V                         | A30-0419-148 | 200.00        | 5 PORT RS232 INTERFACE                    |
| V                         | A30-0419-149 | 345.00        | RS449 DCE INTERFACE, IX-MA-412A           |
| V                         | A30-0419-150 | 385.00        | V.35 DCE INTERFACE B, IX-MA-413B          |
| V                         | A30-0419-152 | 455.60        | 5 PORT RS232 W/CONTACTS                   |
| V                         | A30-0419-153 | 230.00        | 4 PORT RS449 INT                          |
| V                         | A30-0419-157 | 1,075.00      | ENHANCED ETHERNET BRIDGE, IX-MA-428       |
| V                         | A30-0419-160 | 455.00        | MA FOR SCM-1 MODULE                       |
| V                         | A30-0419-162 | 390.00        | SYNCHROCAST3 MOD ADAPTER, IX-MA-480       |
| V                         | A30-0419-163 | 155.00        | PGM AUDIO INT ANA TERM ST                 |
| V                         | A30-0419-164 | 290.00        | 2CH VOICE INT TERM ST, IX-MA-506          |
| V                         | A30-0419-165 | 260.00        | 50 PIN TELCO FOR DV-600A, IX-MA-507       |
| V                         | A30-0419-166 | 390.00        | PGM AUD INT ANA&DIG XLR IN, IX-MA-508     |
| V                         | A30-0419-167 | 430.00        | PGM AUD INT ANA&DIG XLR OUT, IX-MA-509    |
| V                         | A30-0419-168 | 430.00        | PGM AUDIO INT DIG XLR IN, IX-MA-510       |
| V                         | A30-0419-169 | 430.00        | PGM AUDIO INT DIG XLR OUT, IX-MA-511      |
| V                         | A30-0419-172 | 25.00         | BLANK MA PANEL, 1 SLOT, IX-MA-PANEL-1     |
| V                         | A30-0419-173 | 25.00         | BLANK MA PANEL, 2 SLOT, IX-MA-PANEL-2     |
| V                         | A30-0419-174 | 25.00         | BLANK MA PANEL, 3 SLOT, IX-MA-PANEL-3     |

**VENDOR PRODUCTS**

Product Code: 77

| E/C                       | Model No.    | List Price \$ | Description                                   |
|---------------------------|--------------|---------------|---|
| <b>Intraplex (Cont'd)</b> |              |               |   |
| V                         | A30-0419-195 | 1,625.00      | J.41 ANALOG PGM AUDIO DECODE, IX-PR-355C      |
| V                         | A30-0419-196 | 1,645.00      | POWER SUPPLY Y-SERIES 100W AC, IX-PSY100AC    |
| V                         | A30-0419-197 | 1,145.00      | POWER SUPPLY Y-SERIES 24V DC                  |
| V                         | A30-0419-198 | 1,145.00      | POWER SUPPLY Y-SERIES 48V DC                  |
| V                         | A30-0419-199 | 1,145.00      | POWER SUPPLY Y-SERIES 60W AC                  |
| V                         | A30-0419-200 | 1,625.00      | J.41 ANALOG PGM AUDIO ENCODE, IX-PT-355C      |
| V                         | A30-0419-201 | 2,040.00      | SNMP CONTROL MODULE                           |
| V                         | A30-0419-202 | 2,335.00      | SNMP CONTROL MODULE WITH IP CONTROL, IX-SCMIP |
| V                         | A30-0419-203 | 5,625.00      | SYNCHROCAST3 CNTRL TIMING MOD, IX-SNC-101S    |
| V                         | A30-0419-204 | 5,795.50      | SYNCHROCAST3 TX TIMING MOD, IX-SNC-101T       |
| V                         | A30-0419-211 | 230.00        | SYNCHROCAST3 PRIMARY GPS CABLE, IX-SNC-SCS-8  |
| V                         | A30-0419-212 | 230.00        | SYNCHROCAST3 ADD-ON GPS CABLE, IX-SNC-SCS-9   |
| V                         | A30-0419-213 | 1,020.00      | 2CH 2WIRE FXO VOICE                           |
| V                         | A30-0419-214 | 1,020.00      | 2-CH 2-WIRE FXS VOIC                          |
| V                         | A30-0419-217 | 600.00        | 4CH 4WIRE EM VOICE                            |
| V                         | A30-0419-218 | 1,360.00      | ADPCM 4CH 4W E&M VOICE                        |
| V                         | A30-0419-219 | 845.00        | 4CH 4WIRE XMT VOICE                           |
| V                         | A30-0419-220 | 1,467.30      | ADPCM 4CH 4WTO VOICE                          |
| V                         | A30-0419-221 | 1,365.00      | 4CH 4WIRE LOW FREQ E&M VOICE, IX-VF-40        |
| V                         | A30-0419-232 | 2,860.00      | MODULE, E1 LINE REDUNDANT, IX-CM-7RB          |
| V                         | A30-0419-236 | 600.00        | MODULE, 4 CHANNEL 4 WIRE E&M VOICE, E1        |

*This page intentionally blank*