

L3Harris
Public Safety
and Professional
Communications
Products & Services Catalog

June 2024



NOTICE!

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

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

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 ¹	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 ²
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	

¹ 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).

² 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
1-434-455-9469 (telephone)	1-434-455-9469 (telephone)
1-434-455-6788 (fax)	1-434-455-6788 (fax)
wanda.mcgee@L3Harris.com (email)	wanda.mcgee@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	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.

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 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.

- 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)

State	Form Required	Copies Required
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

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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/>



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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.

PSPC XL Terminal Managed Services At-a-Glance			
	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:

Telephone:	U.S.	1-800-368-3277
	International and Canada	1-434-455-6403
Fax:	U.S.	1-321-409-4393
	International and Canada	1-321-409-4394
Email:	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
XL-400P Portables			
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
XL-200P Portables			
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
XL-185P Portables			
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
XL-150P Portables			
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
XL-95P Portables			
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

TERMINAL MANAGED SERVICES

E/C	Model No.	List Price \$	Description
XL-45P Portables			
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
XL-200M Mobiles			
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
XL-185M Mobiles			
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

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
Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION

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.

Managed Services At-a-Glance	SERVICE ASSIST	SERVICE PARTNER	SERVICE MANAGED
Premium Technical Support (PTS)	✓	✓	✓
Security Update Management Services (SUMS+)	✓	✓	✓
Software Managed Services (SMS)		✓	✓
SMS Installation		✓	✓
Standard Repair Services	Available Option	Available Option	✓
Annual Preventive Maintenance		Available Option	✓
SUMS+ Installation		Available Option	✓
Planned Network Upgrades		Available Option	✓
On-Site Corrective Maintenance		Available Option	✓
Obsolescence Protection			✓
Rapid Response SLA			✓
Network Operations Center (NOC) Monitoring*			✓
Enhanced Annual Preventative Maintenance			✓
Cybersecurity Assessments			✓
System Administration			✓
VIDA® Secure Sentry		Available Option	✓
VIDA Secure Sentry Installation		Available Option	✓
On Demand Services	Available Option	Available Option	Available Option

*Enhanced and custom services available

INFRASTRUCTURE MANAGED SERVICES

Service ASSIST

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

- Premium Technical Support (PTS)
- Security Update Management Services (SUMS+)

Premium Technical Support

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 Service+ (SUMS+)

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.

Service ASSIST Optional Services

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

Standard Repair Services

L3Harris provides repair services for L3Harris-branded system components such as infrastructure, dispatch, and site equipment. This cost-effective repair program is standard in the Service ASSIST program, allowing 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.

INFRASTRUCTURE MANAGED SERVICES

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:

Telephone:	U.S.	1-800-368-3277
	International and Canada	1-434-455-6403
Fax:	U.S.	1-321-409-4393
	International and Canada	1-321-409-4394
Email:	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.

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.

INFRASTRUCTURE MANAGED SERVICES

Service PARTNER

Much more than emergency assistance, 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 standard items discussed above for Service ASSIST, as well as the Software Managed Services (SMS) and SMS Installation features.

Software Managed Services

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 such as Mission Critical PTT (MCPTT) 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 the customer hardware at enrollment
- Software installation support from the PTS service
- Software replacement services if media become corrupt or damaged
- Enhancements for existing features
- New features built upon earlier generations of software capability to enable new licensed features

Software Managed Services (SMS) Installation

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

Service PARTNER Optional Services

The Service PARTNER package can be tailored by adding the optional services below.

Standard Repair Services

This optional service is described under the Service ASSIST section above.

INFRASTRUCTURE MANAGED SERVICES

Annual Preventive System Maintenance

Preventive maintenance includes 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

SUMS+ Installation

As an option, Service PARTNER can 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

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.

On-Site Corrective Maintenance

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

INFRASTRUCTURE MANAGED SERVICES

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

As an option to the Service MANAGED tier, 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 on 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 by L3Harris security technicians is also optionally available in the Service PARTNER tier and is standard in the Service MANAGED tier.

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.

Obsolescence Protection

In addition to the Core hardware covered by the Planned Network Upgrades option, the L3Harris Service MANAGED program provides additional system hardware to keep customers' system on the latest third-party technology available from commercial-off-the-shelf providers and L3Harris. Additional hardware covered by the Obsolescence Protection package includes Symphony™ and third-party console computers, Interoperability Gateway devices, EDACS® Migration Gateway server, and L3Harris-supplied Storage Array Networks.

Rapid Response Service Level Agreement (SLA)

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

INFRASTRUCTURE MANAGED SERVICES

Network Operations Center (NOC) Monitoring

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

Enhanced NOC Services

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

INFRASTRUCTURE MANAGED SERVICES

Enhanced Annual Preventive System Maintenance

In addition to the Annual Preventive Maintenance described in the Service ASSIST section, the L3Harris Service MANAGED program provides for additional maintenance tasks to ensure that the system operates to meet the customer's critical communications requirements.

L3Harris partners with each customer to tailor the maintenance tasks best suited for their system. Examples of the services which can be provided are below.

- 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

As part of the Service MANAGED program, L3Harris cybersecurity engineers will 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.

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.

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.

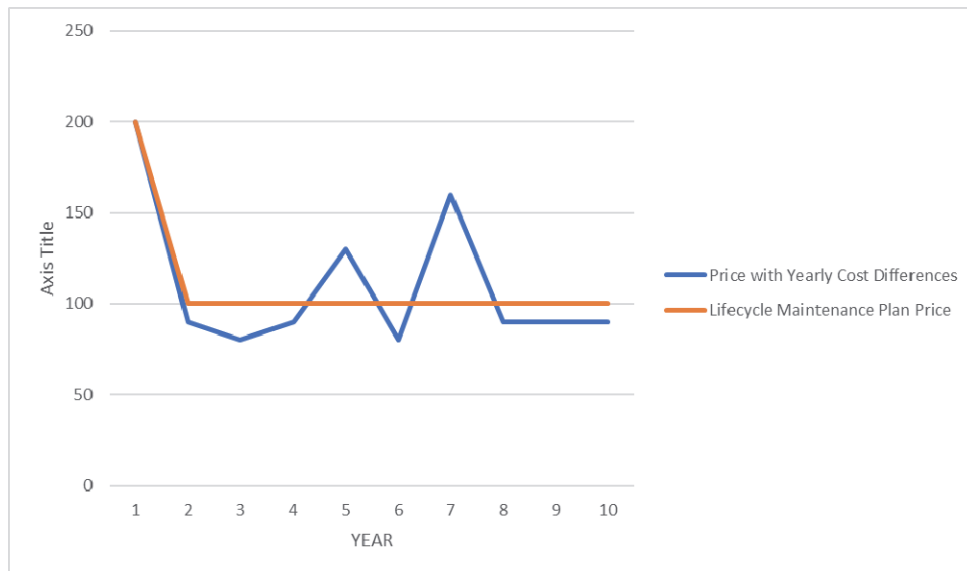
EXPORT CONTROL NOTE: Our products may require a validated Export License issued by the Department of Commerce prior to exporting from the United States.

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.

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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.

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
Operational Training			
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	<p>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.</p>
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
P25 System Administrative Training				
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
P25 System Maintenance Training				
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)**

E/C	Model No.	List Price \$	Description
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
Portable & Mobile Radio Maintenance Training			
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"> • P25 Fleet Mapping Overview • XL-200P Radio Operation • Symphony Console Operation • Radio Programming Overview • Radio Personality Manager (RPM and RPM 2) • Advanced Access Control (AAC) • Unified Administration System (UAS) Overview • Regional Network Manager (RNM) Overview • Active Directory • Activity Warehouse • Enterprise Network Manager (ENM) Overview • Over-The-Air Programming (OTAP) • Over-The-Air Rekeying (OTAR) Fundamentals • Inter-RF Subsystem Interface (ISSI) Fundamentals

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"> • MASTR V Station Traffic Controller Field Replacement Procedure • MASTR V Station Baseband Module Field Replacement Procedure • P25 Miniature Mobility Exchange (MME) • P25 Network Sentry • P25 Symphony Installation and Configuration • P25 Device Manager Introduction • UAC Interoperability Gateway Overview • VIDA Network Navigation • Introduction to VMware and the vCenter Console Server (VCC) • Security Update Management Service (SUMS) Overview • Cisco® Configuration – Backup and Restore
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"> • Radio Programming Overview • Radio Personality Manager (RPM 2) • Advanced Access Control (AAC)
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"> • XL Portable Radio Maintenance • XL Mobile Radio Maintenance

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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 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 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
PORTABLES			
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
MOBILES			
V	MM185XT	65.00	MANUAL, MAINT, XL MOBILE For XL Series Mobiles
V	MM400XT	25.00	MANUAL, INSTALL, XL MOBILE For XL Series Mobiles
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
MOBILES (Cont'd)			
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
DESKTOP/CONTROL STATIONS			
V	MAMM-07KCS	35.00	MANUAL, MAINT, OPERATOR/INSTALLATION, CS7000
STATION AND SITE EQUIPMENT			
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 ^{IP} INTERFACE EQUIPMENT
V	MAMM-980SX	65.00	MANUAL, EDACS ^{IP} RF EQUIPMENT
V	MAMM-170SX	65.00	MANUAL, INSTALL, EDACS ^{IP} 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
STATION AND SITE EQUIPMENT (CONT'D)			
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
STATION AND SITE EQUIPMENT (CONT'D)			
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
NETWORK SWITCHING AND MANAGEMENT			
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
DISPATCH SYSTEMS/CONSOLES			
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
APPLICATIONS			
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

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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



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
1. Transceiver (Select Frequency Range) (All models below include the P25 Conventional Operational Mode Package, premium strap, and holster)			
Full Keypad (Orderable as NFPA or Non-NFPA)			
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
*WARNING: 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
Frequency Range			
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.

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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
2. Antenna (Select one)			
N	XF-AN9F	140.00	ANTENNA, FLEX, HELICAL, XTRM, 136-870 MHZ
3. Operational Mode Packages*			
NB	XF-P25ED	2,500.00	FEATURE PACKAGE, P25 AND EDACS TRUNKING 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
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	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-PL6D	500.00	FEATURE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation

***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
4. SIM Cards			
VN	XF-SV1T	12.00	SIM CARD, FIRSTNET WHT, IND GRD, BMS, GOLD CHIP 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 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 Removable Nano SIM that can be added through the product configurator. This is a high-temperature industrial grade SIM
5. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION

XL-400P PORTABLES

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

E/C	Model No.	List Price \$	Description
6. Encryption Options*			
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
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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
7. Software Features (Cont'd)			
P25 Software Options			
N	XF-PL5L	650.00	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
N	XF-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled.
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 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
8. 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	XF-PA4N	275.00	BATTERY, LI-ION, XTRM
N	XF-PA4Z	295.00	BATTERY ELIMINATOR, XL-400
9. Chargers			
Rapid Chargers			
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
Vehicular Chargers			
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
10. Audio Accessories			
N	XF-CJ4B	250.00	ADAPTER, 6-PIN HIROSE, EXT CABLE
N	XF-AE1S	189.00	BLUETOOTH, COVERT, EARPIECE/MIC/PTT
Speaker Microphones			
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
Surveillance Accessories			
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
Subminiature Remote Control Options			
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
10. Audio Accessories (Cont'd)			
Headsets			
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
11. Carrying Accessories			
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 (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
Premium Cases			
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
12. Miscellaneous			
Connectors			
N	XF-ZN7V	12.00	COVER, SIDE CONNECTOR, XL-400P
Cables			
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
Warranty			
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
Australian C-Tick Certification			
N	XF-CERT1	0.01	OPTION, C-TICK CERTIFICATION
Manuals			
V	MM400XF	65.00	MANUAL, MAINT, XL PORTABLE For XL-400P
V	MM100BN	35.00	MANUAL, USER, BEON CLIENT

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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-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
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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-INTL*	3,950.00	PORTABLE, XL-200P, FKP, BLK, NRB, INTL Non-rebanded radios support frequencies up to 870 MHz
C	XL-PFM1Y-NA*	3,950.00	PORTABLE, XL-200P, FKP, YEL, US, 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
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 loader, see section 9.

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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-PFM2Y-NA*	3,950.00	PORTABLE, XL-200P, FKP, YEL, NRB, NA Non-rebanded radios support frequencies up to 870 MHz
C	XL-PFM2Y-INTL*	3,950.00	PORTABLE, XL-200P, FKP, YEL, NRB, INTL 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 loader, see section 9.

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

Full Keypad

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

***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
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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.

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

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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-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 Non-rebanded radios support frequencies up to 870 MHz
C	XL-PPM2M-INTL*	3,650.00	PORTABLE, XL-200P, PKP, BLK, NRB, INTL 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.

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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-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
C	XL-PPM2Y-INTL*	3,650.00	PORTABLE, XL-200P, PKP, YEL, NRB, INTL
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.

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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
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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 Non-rebanded radios support frequencies up to 870 MHz
C	XL-PPM2P-INTL*	3,650.00	PORTABLE, XL-200P, PKP, PGRN, NRB, INTL 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
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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.

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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
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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.

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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
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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 Non-rebanded radios support frequencies up to 870 MHz
C	XL-PFM2Y-C1D1	4,425.00	PORTABLE, XL-200P, FULL, BLK-YEL, 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.

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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
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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 Non-rebanded radios support frequencies up to 870 MHz
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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
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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 loader, see section 9.

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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
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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 Non-rebanded radios support frequencies up to 870 MHz
C	XL-PPM2P-C1D1	4,125.00	PORTABLE, XL-200P, PART, PGRN, 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.

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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
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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.

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

Full Keypad

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

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.

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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
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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.

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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.

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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
2. Antenna (Select one)			
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
3. Immersible Mode (This feature upgrades the radio to Immersible operation)			
N	XL-PKGMR	265.00	OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)
4. Operational Mode Packages*			
NB	XL-P25ED	2,500.00	FEATURE PACKAGE, P25 AND EDACS TRUNKING 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.

*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
4. Operational Mode Packages* (Cont'd)			
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.
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	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-PL6D	500.00	FEATURE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation

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

5. SIM Cards			
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	12.00	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
6. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
7. HazLoc Options			
N	XL-PA4L	275.00	BATT, LION, 4800, HI-CAP, HAZLOC RADIO C1D2 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 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.
8. Encryption Options*			
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.			
Option for AES Encrypted Radios			
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
9. Software Features			
Software Options			
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
P25 Software Options			
N	XL-PL9L	695.00	FEATURE, HIGH VELOCITY DATA TDMA
N	XL-PL5L	650.00	FEATURE, P25 OTAR (OVER-THE-AIR-REKEYING)
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
N	XL-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled.
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
9. Software Features (Cont'd)			
P25 Software Options(Cont'd)			
N	XL-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
10. 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	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 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
11. Chargers			
Rapid Chargers			
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
Vehicular Chargers			
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
11. Chargers (Cont'd)			
Vehicular Chargers (Cont'd)			
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
12. Audio Accessories			
N	XL-CJ4B	225.00	ADAPTER, 6-PIN HIROSE, EXT CABLE
N	XL-AE1S	189.00	BLUETOOTH, COVERT, EARPiece/MIC/PTT
Speaker Microphones			
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
12. Audio Accessories (Cont'd)			
Surveillance Accessories			
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
Subminiature Remote Control Options			
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
Headsets			
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
13. Carrying Accessories			
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
Standard Cases			
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
13. Carrying Accessories (Cont'd)			
Standard Cases (Cont'd)			
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
Premium Cases			
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
13. Carrying Accessories (Cont'd)			
Premium Cases (Cont'd)			
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
14. Miscellaneous			
Knob Kit			
S	14035-1948-30	28.00	KIT, GLOVE FRIENDLY KNOB COVER – VOL&CHAN
Connectors			
N	XL-ZN7V	12.00	COVER, SIDE CONNECTOR, XL-200P
Cables			
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
14. Miscellaneous (Cont'd)			
Warranty			
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
Australian C-Tick Certification			
N	XL-CERT1	0.01	OPTION, C-TICK CERTIFICATION
Manuals			
V	MM200XL	65.00	MANUAL, MAINT, XL SERIES
V	MM100BN	35.00	MANUAL, USER, BEON CLIENT

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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-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			
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 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			
* 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.

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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-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			
*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
 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
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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
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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
1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)			
Partial Keypad Multi-Band			
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 Non-rebanded radios support frequencies up to 870 MHz
C	XS-PPS2Y-INTL*	2,500.00	PORTABLE, XL-185P, 7/8, PKP, YEL, NRB, INTL 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 keyloader, see section 9.

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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-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
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 keyloader, see section 9.

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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 Single Band			
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.

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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 Single Band			
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.

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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-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
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.

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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
1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)			
Partial Keypad Multi-Band			
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
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
Full Keypad**



**Yellow
Full Keypad**



**Green
Full Keypad**

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E/C	Model No.	List Price \$	Description
1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)			
Full Keypad Single Band			
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

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E/C	Model No.	List Price \$	Description
1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)			
Full Keypad Single Band			
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

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E/C	Model No.	List Price \$	Description
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1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)

Partial Keypad Single Band

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

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E/C	Model No.	List Price \$	Description
1. Transceiver (Select Keypad Type) (All models below include the P25 Conventional Operational Mode Package)			
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.

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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
2. Antenna (Select one)			
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
3. Immersible Mode (This feature upgrades the radio to Immersible operation)			
N	XS-PKGMR	265.00	OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)
4. Operational Mode Packages*			
NB	XS-P25ED	2,500.00	FEATURE PACKAGE, P25 AND EDACS TRUNKING 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
4. Operational Mode Packages* (Cont'd)			
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.
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	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-PL6D	500.00	FEATURE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation

*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	12.00	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
6. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
7. HazLoc Options			
N	XS-PA4L	275.00	BATT, LION, 4800, HI-CAP, HAZLOC RADIO C1D2 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.
8. Encryption Options*			
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.			
Option for AES Encrypted Radios			
N	XS-PL7J	1.00	FEATURE, FIPS 140-2 OPERATION LEVEL 1

XL-185P PORTABLES

Band: VHF, UHF, 700/800/900

Product Code: XS

E/C	Model No.	List Price \$	Description
9. Software Features			
Software Options			
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.
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
P25 Software Options			
N	XS-PL5L	650.00	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
N	XS-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled.
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 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
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10. 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	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, ULC1D2, LTE 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
11. Chargers			
Rapid Chargers			
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
Vehicular Chargers			
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
12. Audio Accessories			
N	XS-CJ4B	225.00	ADAPTER, 6-PIN HIROSE, XL-185P, EXT CABLE
N	XS-AE1S	189.00	BLUETOOTH, COVERT, EARPIECE/MIC/PTT
Speaker Microphones			
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
12. Audio Accessories (Cont'd)			
Surveillance Accessories			
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
Subminiature Remote Control Options			
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
Headsets			
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
13. Carrying Accessories			
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
Standard Cases			
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
13. Carrying Accessories (Cont'd)			
Premium Cases			
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
14. Miscellaneous			
Cables			
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
Warranty			
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
Manuals			
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, WiFi®, 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.

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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
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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, WiFi®, 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
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For keyloader, see section 9.

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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, WiFi®, P25 Phase 1 and Phase 2 Trunking, P25 Conventional, and the Analog Conventional Operational Mode Package)			
Full Keypad Single Band			
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.

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XL-150P PORTABLES

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

E/C	Model No.	List Price \$	Description
2. Antenna			
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
3. Operational Mode Packages*			
N	XV-LTE-NA-UG	1,725.00	UPGRADE KIT, XL-150P, LTE, NA MODEM Provides a kitted module for field installation.
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	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-PL6D	500.00	FEATURE, MCPTT, ATT FIRSTNET For MCPTT Client only. Requires AT&T FNPTT subscription for service and LTE modem operation

*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
4. SIM Cards			
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	12.00	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)
5. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
6. Software Features			
Software Options			
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
P25 Software Options			
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

XL-150P PORTABLES

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

E/C	Model No.	List Price \$	Description
6. Software Features (Cont'd)			
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
N	XV-LLA	140.00	FEATURE, LINK LAYER AUTHENTICATION
N	XV-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

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
8. Chargers (Cont'd)			
Vehicular Chargers (Cont'd)			
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
9. Audio Accessories			
N	XV-CJ4B	225.00	ADAPTER, 6-PIN HIROSE, XL-150P, EXT CABLE
N	XV-AE1S	189.00	BLUETOOTH, COVERT, EARPIECE/MIC/PTT
Speaker Microphones			
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
Surveillance Accessories			
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
Subminiature Remote Control Options			
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
9. Audio Accessories (Cont'd)			
Headsets			
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
10. Carrying Accessories			
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
Standard Cases			
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
10. Carrying Accessories (Cont'd)			
Standard Cases (Cont'd)			
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
Premium Cases			
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
11. Miscellaneous			
Connectors			
N	XV-ZN7V	12.00	COVER, SIDE CONNECTOR, XL-150P
Cables			
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
Warranty			
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
Manuals			
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™
- P25 Trunking
- Conventional
- EDACS®
- P25 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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
Full Keypad			
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
2. Antenna (Select one)			
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.

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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
2. Antenna (Select one) (Cont'd)			
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
3. Immersible Mode (This feature upgrades the radio to Immersible operation)			
N	XN-PKGMR	265.00	OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)
4. Operational Mode Packages*			
NB	XN-P25ED	2,500.00	FEATURE PACKAGE, P25 AND EDACS TRUNKING 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 WiFi 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. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
6. HazLoc Options			
N	XN-PA4T	245.00	BATTERY, LI-ION, 3100 MAH, CID2, UL 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
7. Encryption Options*			
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
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*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	650.00	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
8. Software Features (Cont'd)			
P25 Software Options (Cont'd)			
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
N	XN-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled.
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 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

E/C	Model No.	List Price \$	Description
11. Audio Accessories			
N	XN-CJ2U	235.00	ADAPTER, XL-95P, 6-PIN HIROSE
Speaker Microphones			
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
11. Audio Accessories (Cont'd)			
Speaker Microphones (Cont'd)			
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*

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

12. Carrying Accessories			
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
Standard Cases			
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
Premium Cases			
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
13. Miscellaneous			
Knob Kit			
N	XN-ZN2J	28.00	KIT, OVERSIZE KNOB, XL-95
Cables			
N	XN-CJ4E	610.00	CABLE, XL95P, TTL/USB PROGRAMMING
N	XN-CJ3A	275.00	CABLE, USB PROGRAMMING
Warranty			
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
Manuals			
V	MM950XN	65.00	MANUAL, MAINT, XL PORTABLE For XL-95P and XL-45P
V	MM100BN	35.00	MANUAL, USER, BEON CLIENT

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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
1. Transceiver (All models below include the P25 Phase 1 Trunking and Conventional Operational Mode Package)			
Full Keypad			
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
2. Antenna (Select one)			
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.

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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
2. Antenna (Select one) (Cont'd)			
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

3. Operational Mode Packages*

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

4. Device Management

N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
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5. Encryption Options

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
6. Software Features			
Software Options			
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
P25 Software Options			
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
N	XK-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled.
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
7. 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	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
Battery Enclosure (Optional)			
N	XK-PA3S	83.00	BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use
8. Chargers			
Rapid Chargers			
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
Vehicular Chargers			
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
9. Audio Accessories			
N	XK-CJ2U	235.00	ADAPTER, XL-45P, 6-PIN HIROSE
Speaker Microphones			
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
10. Carrying Accessories			
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
Standard Cases			
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
Premium Cases			
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
11. Miscellaneous			
Knob Kit			
N	XK-ZN2J	28.00	KIT, OVERSIZE KNOB, XL-45
Cables			
N	XK-CJ4E	610.00	CABLE, XL45P, TTL/USB PROGRAMMING
N	XK-CJ3A	275.00	CABLE, USB PROGRAMMING
Warranty			
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
Manuals			
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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 768-861 MHz			
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
2. Antenna (Select one) (All antenna options are compatible with the UL radio option)			
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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
Scan 768-861 MHz			
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
2. Antenna (Select one) (All antenna options are compatible with the UL radio option)			
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.

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 450-512 MHz			
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
Scan 450-512 MHz			
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
2. Antenna (Select one) (All antenna options are compatible with the UL radio option)			
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.

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
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.

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

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 136-174 MHz			
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
Scan 136-174 MHz			
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
2. Antenna (Select one) (All antenna options are compatible with the UL radio option)			
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.

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XG-75P AND XG-75PE PORTABLES

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

E/C	Model No.	List Price \$	Description
3. Immersible Mode (This feature upgrades the radio to Immersible operation.)			
N	MAEV-PKGMR	250.00	OPTION, IMMERSIBLE RADIO OPERATION (applies to any Operational Mode Feature Package)
4. Operational Mode Packages*			
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
*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.			
5. HazLoc Option (This feature upgrades the radio to Intrinsically Safe)			
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.
6. Encryption Options*			
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
7. Software Features			
Software Options			
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.
ProVoice, EDACS, and P25 Software Options			
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
*1024+ systems/groups is a standard feature			
ProVoice and EDACS Software Options			
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
P25 Software Options			
N	EV-LLA	100.00	FEATURE, LINK LAYER AUTHENTICATION
N	EV-PL8M	175.00	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)
8. 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.			
Immersible (Must be ordered with Immersible Mode (MAEV-PKGMR))			
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
8. Battery (Select one) (Cont'd)			
Battery Enclosure (Optional)			
N	EV-PA3S	75.00	BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use
9. Chargers			
Rapid Chargers			
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
Vehicular Chargers			
N	EV-CH6J	250.00	VEHICULAR CHARGER, XL CONNECT
10. Audio Accessories			
N	EV-CJ2U	175.00	ADAPTER, XG-75, 6-PIN HIROSE
N	EV-AE1S	179.00	BLUETOOTH, COVERT, EARPIECE/MIC/PTT
Speaker Microphones			
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
10. Audio Accessories (Cont'd)			
Speaker Microphones (Cont'd)			
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
11. Carrying Accessories			
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
Standard Cases			
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
Premium Cases			
N	EV-HC4C	150.00	CASE, LEATHER, PREMIUM, XG75/25, SHLDER STRAP
N	EV-HC4B	170.00	CASE, LEATHER, PREMIUM, XG75/25, BELT LOOP
12. Miscellaneous			
Battery Charger/Analyzer/Conditioner			
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 NICD/NIMH BATTERIES
Adapters			
N	EV-CJ1R	179.00	ADAPTER, UDC, BLUETOOTH, XG-75P
N	EV-CJ1N	199.00	ADAPTER, UDC, GPS, XG-75P
Knob Kits			
N	EV-ZN2J	25.00	KIT, OVERSIZE KNOB, XG-75/P7300
Label Kits			
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
12. Miscellaneous (Cont'd)			
Cables			
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
Warranty			
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
Industry Canada			
N	MAEV-NEC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
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.

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 764-870 MHz			
C	DPXG-PF78B	1,200.00	PORTABLE, XG-25P, 764-870 MHZ, SYSTEM
Scan 764-870 MHz			
C	DPXG-PB78B	1,100.00	PORTABLE, XG-25P, 764-870 MHZ, SCAN
2. Antenna (Select one)			
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.

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 378-470 MHz			
C	DPXG-PFU1B	1,300.00	PORTABLE, XG-25P, 378-470 MHZ, SYSTEM
Scan 378-470 MHz			
C	DPXG-PBU1B	1,200.00	PORTABLE, XG-25P, 378-470 MHZ, SCAN
2. Antenna (Select one)			
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.

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
System 136-174 MHz			
C	DPXG-PFV1B	1,300.00	PORTABLE, XG-25P, 136-174 MHZ, SYSTEM
Scan 136-174 MHz			
C	DPXG-PBV1B	1,200.00	PORTABLE, XG-25P, 136-174 MHZ, SCAN
2. Antenna (Select one)			
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.

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XG-25P PORTABLES

Band: VHF, UHF, 700/800

Product Code: DP

E/C	Model No.	List Price \$	Description
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3. Operational Mode Packages*

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.

4. Encryption Options*

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.

5. Software Features**Software Options**

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
5. Software Features (Cont'd)			
ProVoice, EDACS, and P25 Software Options			
N	DP-PL7G	120.00	FEATURE, ESK/P25 PERSONALITY LOCK
ProVoice and EDACS Software Options			
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
P25 Software Options			
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	175.00	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
*512 systems/groups is a standard feature			
6. 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	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
Battery Enclosure (Optional)			
N	DP-PA3S	75.00	BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use
7. Chargers			
Rapid Chargers			
N	DP-CH5X	150.00	CHARGER, 1-BAY, TRI-CHEMISTRY
N	DP-CH5Y	825.00	CHARGER, 6-BAY, TRI-CHEMISTRY
Vehicular Chargers			
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
8. Audio Accessories			
N	DP-AE1S	179.00	BLUETOOTH, COVERT, EARPIECE/MIC/PTT
Speaker Microphones			
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
9. Carrying Accessories			
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
Standard Cases			
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
9. Carrying Accessories (Cont'd)			
Premium Cases			
N	DP-HC4C	150.00	CASE, LEATHER, PREMIUM, XG75/25, SHLDER STRAP
N	DP-HC4B	170.00	CASE, LEATHER, PREMIUM, XG75/25, BELT LOOP
10. Miscellaneous			
Battery Charger/Analyzer/Conditioner			
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 NICD/NIMH BATTERIES
Adapters			
N	DP-CJ1N	199.00	ADAPTER, UDC, GPS, XG-25P
Cables			
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
Warranty			
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
Industry Canada			
N	DP-EC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
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

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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
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)			
C	XR-PF78B-C	1,095.00	PORTABLE PKG, XG-15P, 768-861 MHZ, SYSTEM, P25C 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 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 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.

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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
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)			
C	XR-PF78B-T	1,350.00	PORTABLE PKG, XG-15P, 768-861 MHZ, SYSTEM, P25T 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 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 Includes P25 Trunking and 150-174 MHz wideband helical antenna Please see the Package listing above for additional contents

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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
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)			
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

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XG-15P PORTABLE

Band: VHF, UHF, 700/800

Product Code: XR

E/C	Model No.	List Price \$	Description
2. Antennas			
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
3. Encryption			
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.			
4. Software Features			
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.
5. 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	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
6. Chargers			
Rapid Chargers			
N	XR-CH5X	150.00	CHARGER, 1-BAY, TRI-CHEMISTRY
N	XR-CH5Y	825.00	CHARGER, 6-BAY, TRI-CHEMISTRY
Vehicular Chargers			
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
7. Audio Accessories			
Speaker Microphones			
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
8. Carrying Accessories			
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
9. Miscellaneous			
Adapters			
N	XR-CJ1R	179.00	ADAPTER, UDC, BLUETOOTH, XG-15P
N	XR-CJ1N	199.00	ADAPTER, UDC, GPS, XG-15P
Cables			
N	CA-023407-001	265.43	CABLE, PROGRAMMING
N	14002-0143-01	388.44	CABLE, PROGRAMMER ADAPTOR, KVL 3000+
Warranty			
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
Industry Canada			
N	XR-EC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
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

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P5500 PORTABLES

Band: UHF

Product Code: EX



P5550

P5570

The P5500 portables are multi-application radios that can operate on the following systems:

- ProVoice™
- P25 Trunking
- Conventional
- EDACS®
- P25 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)			
P5570 335-380 MHz			
C	EX55-PFU3B	1,400.00	PORTABLE, P5570, 335-380 MHZ, SYSTEM, Unencrypted
P5550 335-380 MHz			
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
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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
6. 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	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
Battery Enclosure (Optional)			
N	EX-PA3S	75.00	BATTERY, AA CLAMSHELL Enclosure for AA batteries which are not included. Lithium AA batteries are recommended for use
7. Chargers			
Rapid Chargers			
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
8. Audio Accessories			
Speaker Microphones			
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
8. Audio Accessories (Cont'd)			
Speaker Microphones (Cont'd)			
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
9. Carrying Accessories			
N	EX-HC4A	60.00	BELT LOOP, LEATHER, PREMIUM
N	MAEX-NHC7P	20.00	BELT CLIP, METAL
Cases			
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
10. Miscellaneous			
Battery Charger/Analyzer/Conditioner			
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 NICD/NIMH BATTERIES
Adapters			
N	EX-CJ1R	179.00	ADAPTER, UDC, BLUETOOTH, P55/54/5300
N	EX-CJ1N	199.00	ADAPTER, UDC, GPS, P55/54/5300
Cables			
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
Warranty			
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
Industry Canada			
N	MAEX-NEC1A	5.00	OPTION, INDUSTRY CANADA
Manuals			
V	MM210EX	65.00	MANUAL, MAINTENANCE, P5500, UHF

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
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
*WARNING: 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 WiFi® operation (WiFi Hotspot, DMF/Reach over WiFi, or BeOn® over WiFi).			
N	XZ-PL8T	2,195.00	FEATURE, LTE
Frequency Band Options (Select any combination of bands)			
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
2. Antennas			
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
2. Antennas (Cont'd)			
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
3. Operational Mode Packages*			
NB	XZ-PKGPT	1,800.00	FEATURE PACKAGE, P25 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-P25ED	2,500.00	FEATURE PACKAGE, P25 & EDACS TRUNKING Includes Status Message
N	XZ-ICS	1,175.00	FEATURE PACKAGE, ICS 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
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	XZ-PL6A	500.00	FEATURE, MCPTT For MCPTT Client only. Requires subscription service and LTE modem for operation.

*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
4. SIM Cards			
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	12.00	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)
5. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION
6. Encryption Options*			
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.			
7. Software Features			
Software Options			
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
*1024 systems/groups is a standard feature			
P25 Software Options			
N	XZ-PL5L	650.00	FEATURE, OTAR
N	XZ-PL9L	695.00	FEATURE, HIGH VELOCITY DATA TDMA
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

XL-200M MOBILES

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

E/C	Model No.	List Price \$	Description
7. Software Features (Cont'd)			
P25 Software Options (Cont'd)			
N	XZ-PL9K	350.00	FEATURE, VIDA ID
N	XZ-PL4F	275.00	FEATURE, PHASE 2 TDMA
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
N	XZ-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled
N	XZ-LLA	140.00	FEATURE, LINK LAYER AUTHENTICATION
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.
8. Control Unit (Select one)			
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
9. Microphone (Select one)			
N	XZ-MC6B	325.00	MICROPHONE, XL-MOBILE, KEYPAD
N	XZ-MC6A	105.00	MICROPHONE, XL, STANDARD MOBILE
10. Mounting Kit			
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
11. Miscellaneous			
XL-200M Desktop			
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
Motorcycle Kit			
N	XZ-MA4E	1,100.00	KIT, INSTALLATION, MOTORCYCLE, XL-200M
Additional Accessories			
N	XZ-LS6A	60.00	SPEAKER, EXTERNAL, MOBILE Requires an accessory cable
Programming and Option Cables			
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
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

XL-200M MOBILES

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

E/C	Model No.	List Price \$	Description
11. Miscellaneous (Cont'd)			
Warranty			
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
Industry Canada			
N	XZ-EC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
V	MM185XT	65.00	MANUAL, MAINT, XL MOBILE For XL-185M and XL-200M
V	MM400XT	25.00	MANUAL, INSTALL, XL MOBILE For XL Series Mobiles

XL-185M MOBILES

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



XL-185M Mobile with XL-CH

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

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

XL-185M Desktop Cabinet

All XL-185M orders must be placed through the Product Configurator. The following is for information only.

E/C	Model No.	List Price \$	Description
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
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
*WARNING: 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 WiFi® operation (WiFi Hotspot, DMF/Reach over WiFi, or BeOn® over WiFi).			
N	XT-PL8T	2,195.00	FEATURE, LTE
Frequency Band Options (Only One Band May Be Selected)			
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
2. Antennas			
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.

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XL-185M MOBILES

Band: VHF, UHF, 700/800, 900

Product Code: XT

E/C	Model No.	List Price \$	Description
2. Antennas (Cont'd)			
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
3. Operational Mode Packages*			
NB	XT-PKGPT	1,800.00	FEATURE PACKAGE, P25 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-P25ED	2,500.00	FEATURE PACKAGE, P25 & EDACS 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
3. Operational Mode Packages* (Cont'd)			
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
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	XT-PL6A	500.00	FEATURE, MCPTT For MCPTT Client only. Requires subscription service and LTE modem for operation.

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

4. SIM Cards			
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	12.00	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)

5. Device Management			
N	RE-XL002	60.00	DEVICE MGMT ANNUAL SUBSCRIPTION

6. Encryption Options*			
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.

XL-185M MOBILES

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

E/C	Model No.	List Price \$	Description
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	650.00	FEATURE, OTAR
N	XT-PL9L	695.00	FEATURE, HIGH VELOCITY DATA TDMA
NB	XT-PKGPD	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-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
N	XT-PL9H	200.00	FEATURE, 250 ZONES Enable this feature if planning to configure radio with more than 50 zones. RPM2 can configure up to 250 zones; however, radio will only store the first 50 if this feature is not enabled
N	XT-PL8M	200.00	FEATURE, EDATA
N	XT-LLA	140.00	FEATURE, LINK LAYER AUTHENTICATION
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.
8. Control Unit (Select one)			
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

XL-185M MOBILES

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

E/C	Model No.	List Price \$	Description
9. Microphone (Select one)			
N	XT-MC6B	325.00	MICROPHONE, XL-MOBILE, KEYPAD
N	XT-MC6A	105.00	MICROPHONE, XL, STANDARD MOBILE
10. Mounting Kit			
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
11. Miscellaneous			
XL-185M Desktop			
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
N	XT-MC6C	245.00	MICROPHONE, XL-MOBILE, DESKTOP
N	XT-CA6R	175.00	CABLE, POWER, Y-SPLIT, DESKTOP
Motorcycle Kit			
N	XT-MA4E	1,100.00	KIT, INSTALLATION, MOTORCYCLE, XL-185M
Additional Accessories			
N	XT-LS6A	60.00	SPEAKER, EXTERNAL, MOBILE
Programming and Option Cables			
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

XL-185M MOBILES

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

E/C	Model No.	List Price \$	Description
11. Miscellaneous (Cont'd)			
Programming and Option Cables (Cont'd)			
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
Warranty			
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
Industry Canada			
N	XT-EC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
V	MM185XT	65.00	MANUAL, MAINT, XL MOBILE For XL-185M and XL-200M
V	MM400XT	25.00	MANUAL, INSTALL, XL MOBILE For XL Series Mobiles

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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
C	XQ-M78B	2,500.00	MOBILE, XL-85M, 700/800 MHZ
Frequency Band Options			
N	XQ-PL4L	0.01	FEATURE, SINGLE BAND, 7/800
2. Antennas			
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
3. Operational Mode Packages*			
NB	XQ-PKGPT	1,800.00	FEATURE PACKAGE, P25 TRUNKING Includes Status Message
*All Trunking Operational Mode Packages include Emergency, Dynamic Regroup, ProScan™, Priority System Scan, and 1024 systems/groups.			
4. GPS Option			
N	XQ-MK5H	600.00	KIT, XL-85M, GPS
5. Encryption Options*			
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.			
6. Software Features			
Software Options			
N	XQ-PL4E	275.00	FEATURE, CONVENTIONAL VOTE SCAN
N	XQ-PL9U	140.00	FEATURE, XL-LINK
*1024 systems/groups is a standard feature			
P25 Software Options			
N	XQ-PL5L	700.00	FEATURE, OTAR
NB	XQ-PKGGPD	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-PL8M	195.00	FEATURE, EDATA
N	XQ-PL8N	330.00	FEATURE, IN-BAND GPS
N	XQ-LLA	140.00	FEATURE, LINK LAYER AUTHENTICATION

XL-85M MOBILES

Band: 700/800
 Product Code: XQ

E/C	Model No.	List Price \$	Description
7. Control Unit (Select one)			
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
8. Microphone (Select one)			
N	XQ-MC6B	325.00	MICROPHONE, XL-MOBILE, KEYPAD
N	XQ-MC6A	105.00	MICROPHONE, XL, STANDARD MOBILE
9. Mounting Kit			
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
10. Miscellaneous			
XL-85M Desktop			
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
Additional Accessories			
N	XQ-LS6A	60.00	SPEAKER, EXTERNAL, MOBILE Requires an accessory cable
Programming and Option Cables			
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
10. Miscellaneous (Cont'd)			
Warranty			
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
Industry Canada			
N	XQ-EC1A	20.00	OPTION, INDUSTRY CANADA

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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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
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
2. Vehicular Repeaters			
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
3. Antennas			
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
3. Antennas (Cont'd)			
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
4. GPS Option			
N	MAMW-NMK5F	575.00	GLOBAL POSITIONING SYSTEM (GPS)
N	MAMW-NCL8B	190.00	CABLE, OPTIONS
5. Operational Mode Packages*			
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
6. Encryption Options*			
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
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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
7. Software Features (Cont'd)			
ProVoice and EDACS Software Options			
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
P25 Software Options			
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	175.00	FEATURE, EDATA
N	MW-PL8N	175.00	FEATURE, IN-BAND GPS
N	MW-LLA	100.00	FEATURE, LINK LAYER AUTHENTICATION
8. Control Unit (Select one)			
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
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	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
9. Microphone (Select one)			
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
Dual Control Unit Microphone (Select one)			
N	MAMW-NMC7Z	165.00	MICROPHONE, STD, STRAIGHT CONNECTOR
N	MAMW-NMC9D	160.00	MICROPHONE, NOISE CANCELLING, CH-721 CONTROL UNIT
10. Mounting/Cabling Kit			
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.			
11. Miscellaneous			
Motorcycle Kit			
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
Programming and Option Cables			
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
11. Miscellaneous (Cont'd)			
Additional Accessories			
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
Warranty			
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
Industry Canada			
N	MAMW-NEC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
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
2. Antennas			
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
2. Antennas (Cont'd)			
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
3. Operational Mode Packages*			
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.			
4. GPS Option			
N	DM-MK5F	550.00	GPS KIT, XG-25M
N	DM-CL2X	141.48	CABLE, OPTION, XG-25M
5. Encryption Options*			
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
6. Software Features			
Software Options			
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.
ProVoice, EDACS, and P25 Software Options			
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
*512 systems/groups is a standard feature			
ProVoice and EDACS Software Options			
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
P25 Software Options			
N	DM-PL5L	525.00	FEATURE, P25 OVER-THE-AIR REKEYING
N	DM-PL4F	250.00	FEATURE, P25 PHASE 2, TDMA
N	DM-PL8M	175.00	FEATURE, EDATA
N	DM-PL8N	175.00	FEATURE, IN-BAND GPS
N	DM-LLA	100.00	FEATURE, LINK LAYER AUTHENTICATION
7. Control Unit			
N	DM-ZN9Z	710.00	KIT, CONVERSION, CH-25 REM CTRL HD, 30 FT
8. Microphone (Select one)			
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
9. Mounting/Cabling Kit			
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
10. Miscellaneous			
Additional Accessories			
N	DM-MN1D	27.00	SPEAKER, MOBILE, 4 OHM
Programming and Option Cables			
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)
Warranty			
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
Industry Canada			
N	DM-EC1A	20.00	OPTION, INDUSTRY CANADA
Manuals			
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
1. Transceiver (All models below include the P25 Conventional Operational Mode Package)			
M5300 800 MHz			
C	MAHK-S8MEX	2,375.00	MOBILE, 800 MHZ, EDACS UTILITY
2. Antennas			
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.

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M5300 MOBILES

Band: 800

Product Code: HK

E/C	Model No.	List Price \$	Description
2. Antennas (Cont'd)			
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
3. GPS Options			
N	MAHK-NMK5F	525.00	GLOBAL POSITIONING SYSTEM (GPS)
N	MAHK-NCL8B	195.00	CABLE, OPTIONS
4. Operational Mode Packages			
NB	MAHK-PKUPT	750.00	FEATURE, UPGRADE TO P25 TRUNKING (Includes Analog Conventional operation, For 800 MHz only)
5. Encryption Options			
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.			
6. Software Features			
Software Options			
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
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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	150.00	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
8. Microphone (Select one)			
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
Dual Control Unit Microphone (Select one)			
N	MAHK-NMC7Z	165.00	MICROPHONE, STANDARD, CH-721 CONTROL UNIT
N	MAHK-NMC9D	160.00	MICROPHONE, NOISE CANCELLING, CH-721 CONTROL UNIT
9. Mounting/Cabling Kit			
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.			
10. Miscellaneous			
Motorcycle Kit			
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
Cables			
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
Additional Accessories			
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
10. Miscellaneous (Cont'd)			
Warranty			
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
Industry Canada			
N	MAHK-NEC1A	5.00	OPTION, INDUSTRY CANADA
Manuals			
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

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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
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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

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CS7000 CONTROL STATION

Product Code: MW, HK

E/C	Model No.	List Price \$	Description
Mounting/Cabling Kit			
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
Cables			
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
Manuals			
V	MAMM-07KCS	35.00	MANUAL, MAINTENANCE, OPERATOR/INSTALLATION, CS7000

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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
Conventional DC Remote Controller			
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
Conventional Tone Remote Controller			
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
IP Tone Remote Controller			
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.

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<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
Conventional DC Remote Options			
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
Conventional Tone Remote Options			
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
Options/Accessories Common to Conventional Models			
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)
Options Applicable With Conventional MASTR® III Stations			
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-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

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^{IP}, M7100^{IP}, 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, 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.

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 **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
Windows-Based Radio Programming Software			
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 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.
Over-the-Air Programming			
S	AE/LZY213771/1	10,050.00	SOFTWARE, ProFile MANAGER
Advanced Access Control			
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
Device Manager			
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
Symphony Dispatch Console			
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
EDACS Security Key/P25 Personality Lock			
S	CM-013373-002	20.91	SMART CARD READER, GEMALTO PC USB TR PIV
Programming Interface Modules			
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
Programming Cables			
Portables			
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
S	MATQ-03421	205.00	ADAPTER CABLE, USB TO RS-232 Allows newer PCs to interface with L3Harris PC programming accessory cables.
Mobiles			
V	W95-0118-001	20.00	CABLE, USB TYPE-A TO TYPE-C M/M For 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
Legacy Portables			
S	TQ3419	205.00	CABLE, PROGRAMMING, P7200, P7100IP, P5200, AND P5100 TO PC RS-232 NOTE: The portables do not require the TQ3370 interface box with this cable.
Legacy Mobiles			
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 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 NOTE: The M7100 ^{IP} 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, 28RU
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
Spares			
C	SN-8TXMX-S	24,000.00	STATION, TWO47, 800 MHz, SPARE Unit to be used only as a replacement
Simulcast			
VM	SC-NTXP25-DC	34,000.00	TWO47 IP SIMULCAST, TX SITE, COMM EQUIP

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MASTR® V P25^{IP} 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^{IP} 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

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MASTR® V P25^{TP} 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

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MASTR® V P25^{TP} 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
Manuals			
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

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MASTR® V P25^{IP} 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^{IP} 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^{TP} TRUNKED AUXILIARY RECEIVER

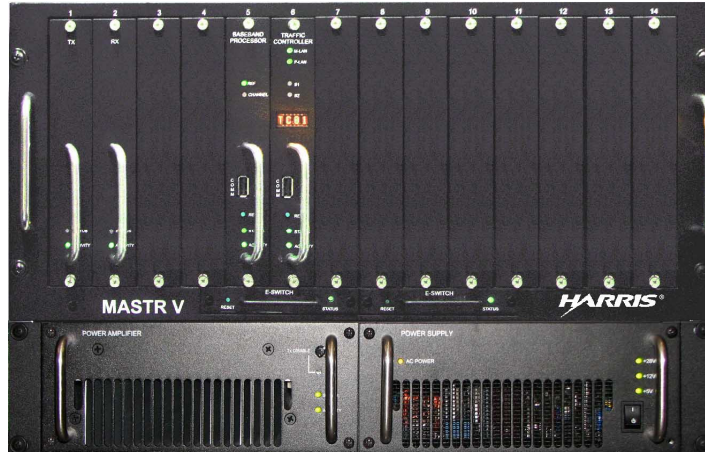
Band: VHF, UHF, 700, 800, 900

Product Code: SV

E/C	Model No.	List Price \$	Description
Manuals			
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^{TP} 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

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MASTR® V P25^{TP} 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
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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^{IP} CONVENTIONAL AUXILIARY RECEIVER

Band: VHF, UHF, 700, 800, 900
 Product Code: SV



Standard Features	Optional Features
--------------------------	--------------------------

- | | |
|---|---|
| <ul style="list-style-type: none"> • Project 25 Compliant Common Air Interface • All the advantages of IP Network | <ul style="list-style-type: none"> • AC/DC Power |
|---|---|

All MASTR V P25^{IP} 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^{TP} CONVENTIONAL AUXILIARY RECEIVER

Band: VHF, UHF, 700, 800, 900
Product Code: SV

E/C	Model No.	List Price \$	Description
Manuals			
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^{IP}

L3Harris' P25^{IP} 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^{IP} 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^{IP} meets the requirements of the P25 Phase 1 and Phase 2 standards, plus provides value-added voice and data features. P25^{IP} networks can be configured for single-site, multi-site, simulcast, or a combination. P25^{IP} is also particularly appropriate for users operating with non-exclusive VHF and UHF frequencies. For federal users, P25^{IP} meets the Congressional and NTIA mandates for the narrowband (12.5 kHz) migration.

BeOn®

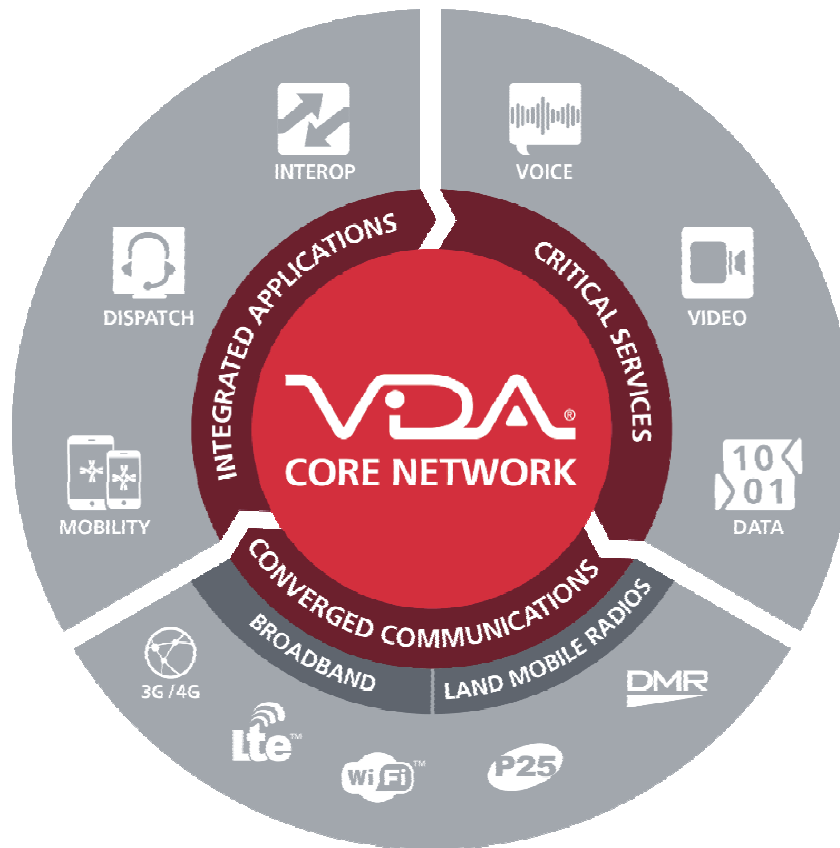
BeOn is a managed group communications solution enabling Push-to-Talk, Presence, and Situational Awareness services. BeOn can be configured as a stand-alone communications platform and can also be tightly integrated with narrowband land mobile radio systems to provide interoperable PTT services. The 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.

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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.

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VIDA® PREMIER

Band: N/A

Product Code: NA

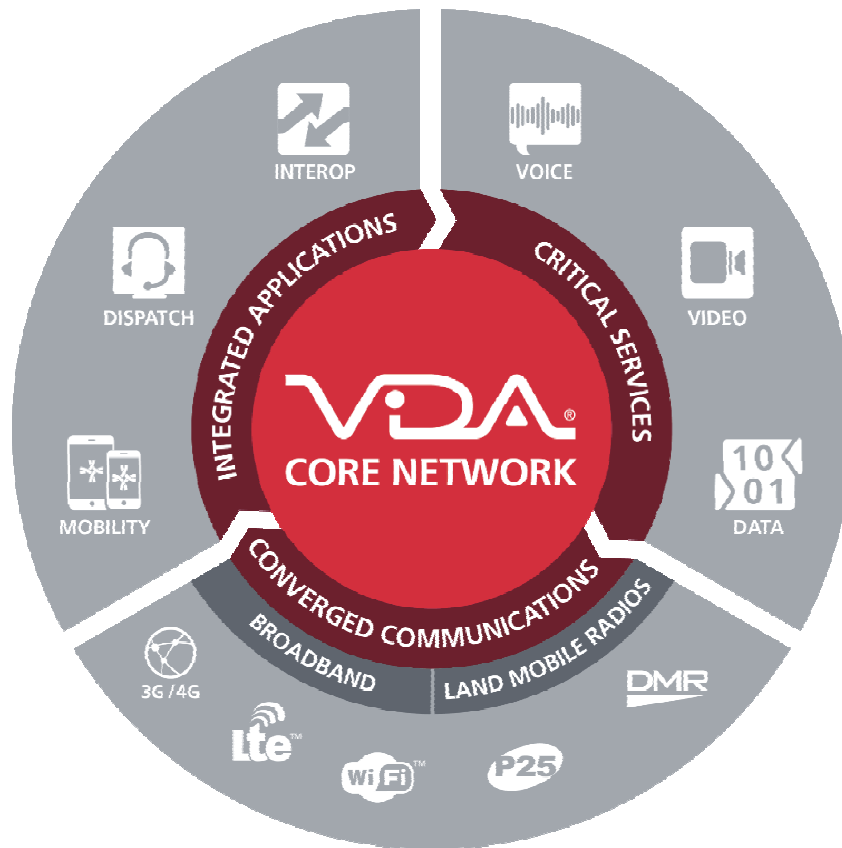
Standard Equipment	Standard Features	Available Options
<ul style="list-style-type: none"> • VIDA Application Server • Storage Area Network (SAN) • Networking Equipment • Complete VIDA Solution in small form factor • Complete VIDA Solution in small form factor • VIDA Application Server 	<ul style="list-style-type: none"> • Real Time Voice, Management, and Administration Applications • Support for Multi-Region VIDA Systems • Application High Availability • VIDA Transcoder • BeOn® Application • SUMS Application 	<ul style="list-style-type: none"> • Location High Availability • ISSI Gateway Application • Key Management Facility Application • Radio TextLink Application • Telephone Interconnect Gateway • Interoperability Gateway • Encompass Gateway • StatusAware Location Gateway • eData Gateway

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 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 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

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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.

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VIDA® UNITE

Band: N/A

Product Code: NA

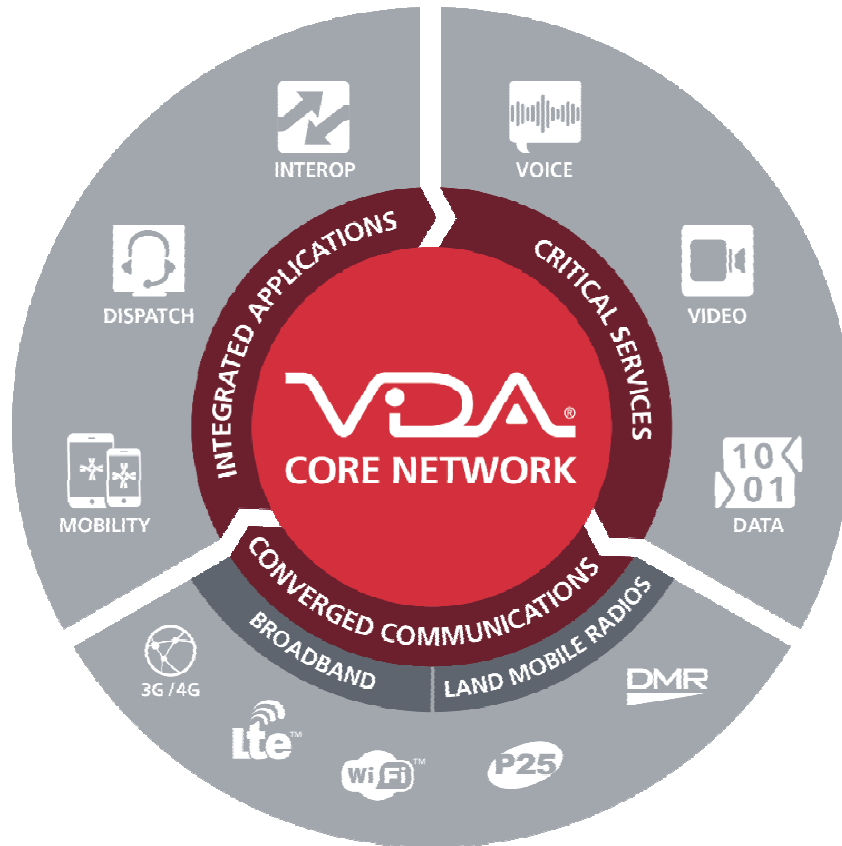
Standard Equipment	Standard Features	Available Options
<ul style="list-style-type: none"> • VIDA Application Server • Networking Equipment • Complete VIDA Solution in small form factor 	<ul style="list-style-type: none"> • Real Time Voice, Management, and Administration Applications • Support for Single-Region VIDA Systems • Application High Availability • VIDA Transcoder • BeOn® Application • SUMS Application 	<ul style="list-style-type: none"> • Location High Availability • ISSI Gateway Application • Key Management Facility Application • Radio TextLink Application • Telephone Interconnect Gateway • Interoperability Gateway • Encompass Gateway • StatusAware Location Gateway • eData Gateway

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 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 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

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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.

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VIDA® CONNECT

Band: N/A

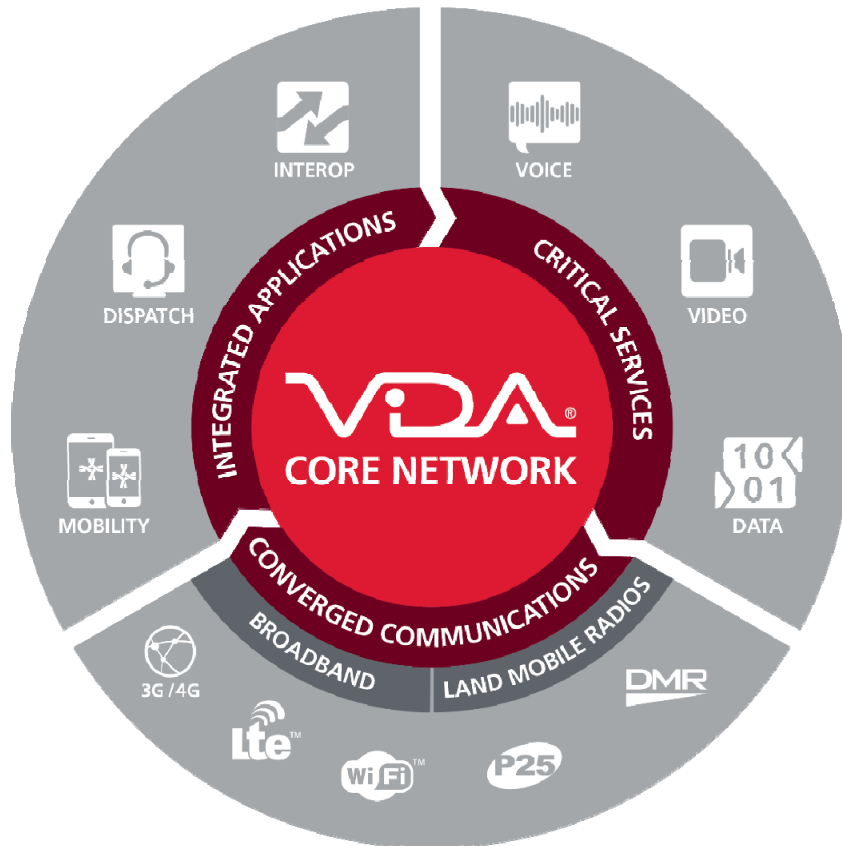
Product Code: NA

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">• VIDA Application Server• Networking Equipment	<ul style="list-style-type: none">• Real Time Voice, Management, and Administration Applications• Support for Single-Region VIDA Systems• Application High Availability	<ul style="list-style-type: none">• Location High Availability

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.

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VIDA® ESSENTIALS

Band: N/A

Product Code: NA

Standard Equipment	Standard Features	Available Options
<ul style="list-style-type: none"> • VIDA Application Server • Networking Equipment • A VIDA core for smaller systems 	<ul style="list-style-type: none"> • Real Time Voice, Management, and Administration Applications • Voice High Availability • VIDA Transcoder • SUMS Application 	<ul style="list-style-type: none"> • Cybersecurity Product Options • ISSI Gateway Application • Key Management Facility Application • Encompass Gateway with DFSI • StatusAware Location Gateway • Key Management Facility (KMF) • Firepower Management Center

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 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 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)

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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 Upgrade option requires anti-virus and host intrusion detection licenses
C	NM-VM2A-HD	78,000.00	HARD DRIVE, KMF VMWARE SW (VASC) 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) 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

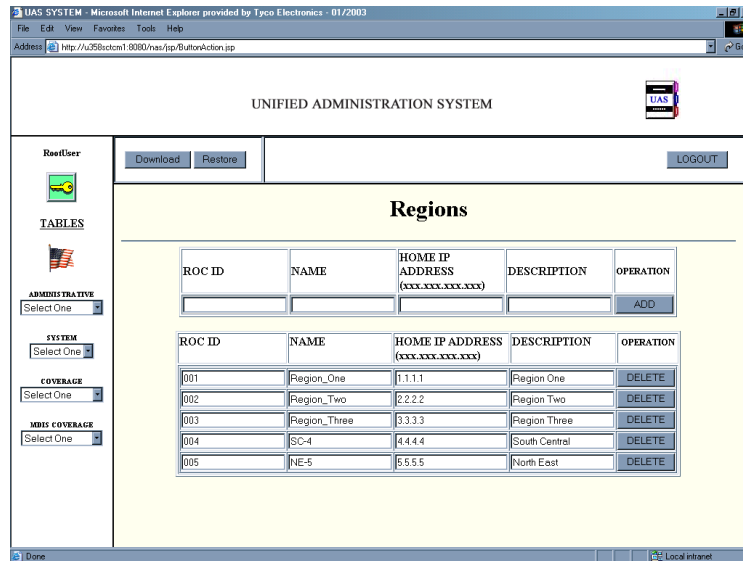
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UNIFIED ADMINISTRATION SYSTEM (UAS)

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

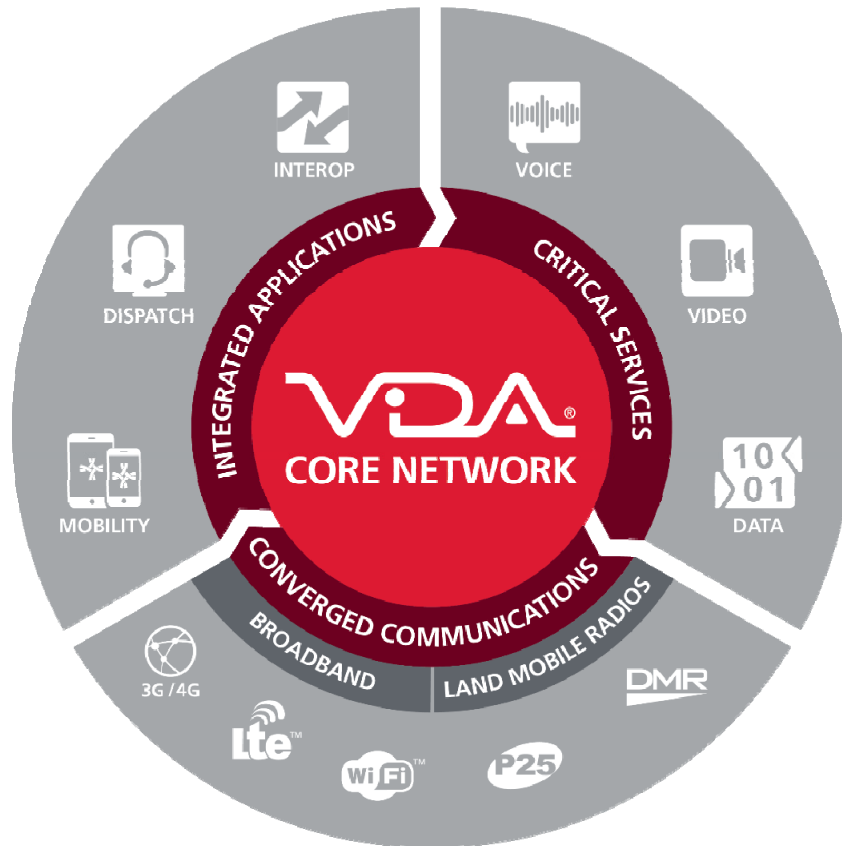
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VIDA® VIRTUAL SITE

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"> • VIDA Edge Site Manager Computer • Network Sentry application installed in Windows 10 virtual machine • DIN Rail, mounting hardware 	<ul style="list-style-type: none"> • Network Sentry application for site, call, and fault monitoring 	<ul style="list-style-type: none"> • P25 Mobile IP Subsystem application for P25 packet data services • AC or DC power options • Site Input and Output modules

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

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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 (DFSII). It then transports that audio to the Encompass Gateway, which maps the DFSII 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

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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

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 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 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

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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
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.			
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

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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

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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^{IP} 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

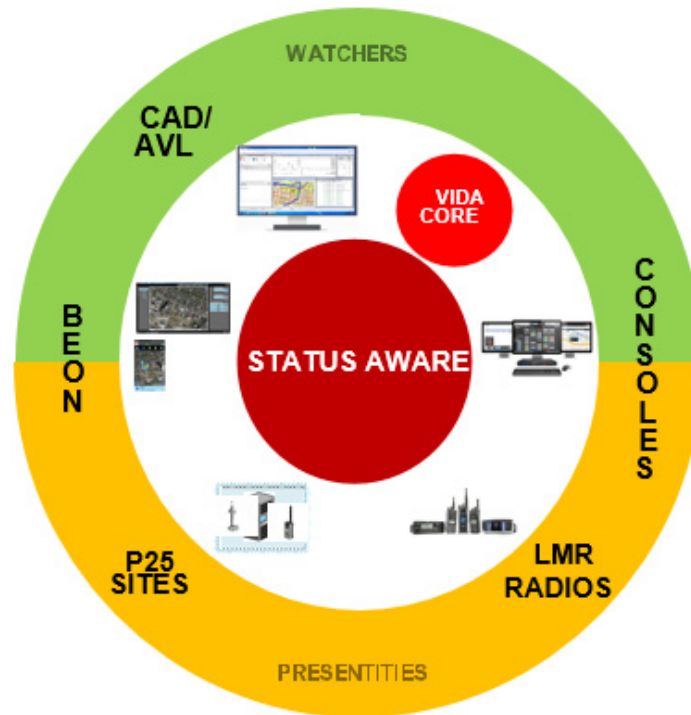
Product Code: NW

E/C	Model No.	List Price \$	Description
Premier and Unite Core			
C	NW-VM2F	30,000.00	SOFTWARE, VTI
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

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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.

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STATUSAWARE FOR LOCATION SERVICES

Band: N/A

Product Code: NM

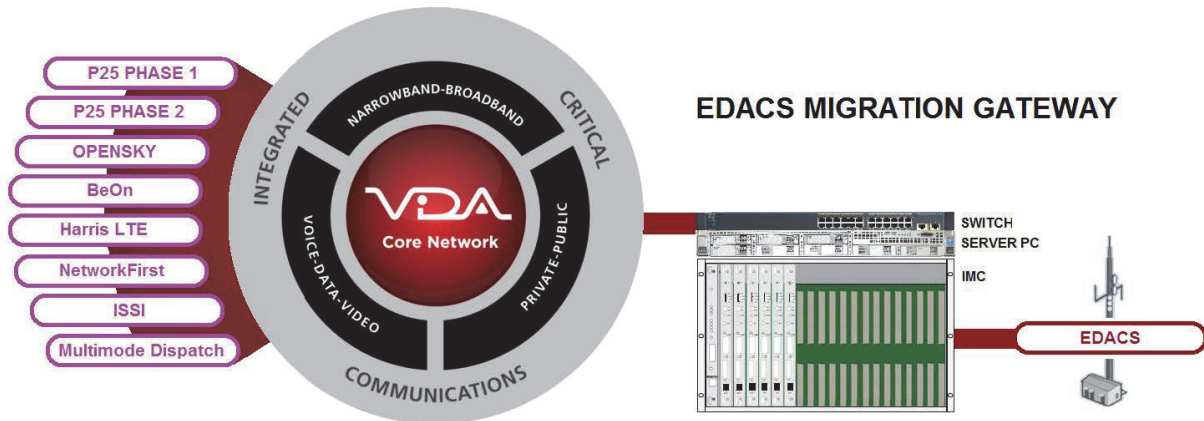
Standard Equipment	Standard Features	Optional Features
<ul style="list-style-type: none"> StatusAware software VM Image License for 100 devices 	<ul style="list-style-type: none"> GPS updates with time stamp Caller ID Caller Alias Group ID Support for In-Band GPS Support for Tier 2 GPS 	<ul style="list-style-type: none"> Licenses for additional devices up to for 32,000

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

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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

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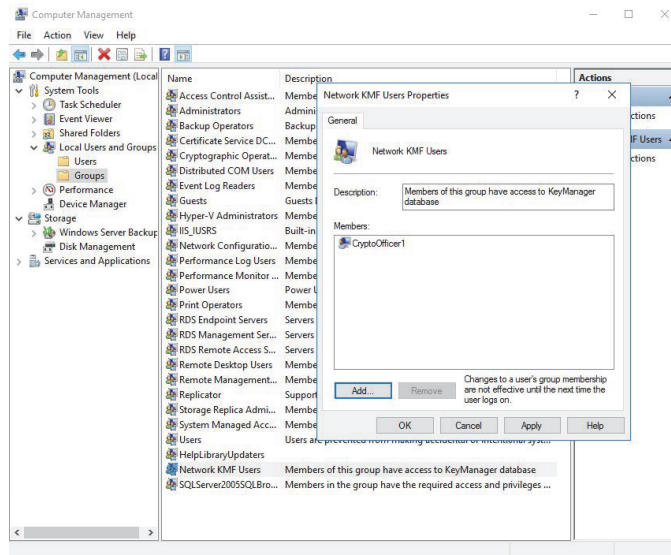
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P25^{IP} NETWORK KEY MANAGEMENT FACILITY (KMF)

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
KMF Network Server			
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

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PROVOICE™, EDACS®, AND P25^{IP} KEY MANAGER

Band: N/A

Product Code: CDR



Standard Equipment

- User Software for loading keys (unlimited copies)
- Administration Software
- ProVoice™ and EDACS® DES, P25^{IP} DES, and P25^{IP} 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^{IP}
 - P5500
 - P5400
 - P5300
- XL-200M
- XL-185M
- Unity XG-100M
- XG-75M/M7300
- XG-25M
- M7200
- M7100^{IP}
- M5300

NOTE: PC-based Key Manager software is not used with 800 MHz P7100^{IP} models RU101219V32 and RU101219V33.

PROVOICE™, EDACS®, AND P25^{IP} 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	TQ3415	280.00	CABLE, KEY MANAGER, P7100IP PORTABLES
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^{IP} and M7100^{IP} use the standard Radio Personality Programming cables found in section 6.

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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

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
Feature Bundles			
Windows 10 (WIN10) Feature Bundles are required for SR10A.3 (and later) VIDA® networks.			
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.			
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
Software Options for Symphony			
N	UD-SH9F	22,000.00	LICENSE KIT, MIP TO SYMPHONY SW UPGRADE 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 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 License is to allow the baton to run on a remote machine. Requires Software UD-SG1F
N	UD-SG1F	110.00	SOFTWARE, REMOTE BATON Requires License UD-SH3B

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SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD

E/C	Model No.	List Price \$	Description
Software Options for Symphony (Cont'd)			
N	UD-SH3C	10,200.00	LICENSE, SYMPHONY CAD API License is for the activation of the Symphony CAD application
N	UD-SG4W	9,000.00	LICENSE, AES AND DES LEVEL ENCRYPTION 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 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 License is for the activation of RTT/RSM features
N	UD-SG4X	5,000.00	LICENSE, DES LEVEL ENCRYPTION OTAR only. Manual key loading is not currently supported
N	UD-SG4S	5,000.00	LICENSE, CALL DIRECTOR License is for the activation of the Call Director feature
N	UD-SH7X	0.01	LICENSE, EMBEDDED WEB BROWSER License is for the activation of web browser capability
N	UD-SJ4G	3,000.00	LICENSE, ADVANCE BACKUP RADIO License is for the activation of the Advanced Backup Radio feature
N	UD-SG2U	2,500.00	LICENSE, INDIVIDUAL CALLS License is for the activation of the I-Call feature
N	UD-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	UD-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	UD-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	UD-SG4T	1,250.00	LICENSE, CONVENTIONAL CONTROLS License is for the activation of Basic Conventional
N	UD-SH4R	750.00	LICENSE, DISCREET LISTENING License allows Discreet Listening of P25 individual calls
N	UD-SG4U	1,000.00	LICENSE, PAGING CAPABILITY License is for the activation of paging features

SYMPHONY™ DISPATCH CONSOLE

Band: N/A

Product Code: UD

E/C	Model No.	List Price \$	Description
Software Options for Symphony (Cont'd)			
N	UD-SG4Y	750.00	LICENSE, REMOTE AUX I/O 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 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 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 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 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 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 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
Monitors			
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
Uninterruptible Power Supplies (UPS)			
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
Accessories			
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
Accessories (Cont'd)			
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
Warranty			
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
Replacement Hardware			
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
Manuals			
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.

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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 VIP Dispatch Console orders must be placed through the Product Configurator. The following is for information only. If configuring a VIP 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 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
Monitors			
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
Uninterruptible Power Supplies (UPS)			
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
Accessories			
N	CM-022218-3006WJ	550.00	ADAPTER, 6 WIRE JACKBOX TO HEADSET
S	CM-022218-300USB	355.00	ADAPTER, USB TO H-SERIES HEADSET 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
Manuals			
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

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<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
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Step 1 – Configure a Situational Awareness Server as Part of the VIDA® Core*

Server options depending on type of VIDA customer installation

N	LE-VM3K	35,000.00	SERVER, SITUATIONAL AWARENESS, SW
C	LE-VM3K-HD	35,000.00	SERVER, SITUATIONAL AWARENESS, VM, FLD AD For fielded VIDA systems without an existing StatusAware server
C	LE-VM3K-UG	10,000.00	SERVER, SITUATIONAL AWARENESS, VM, UPGRD 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 Twitter)
- 2 standard layers (except in base package LE-SJ1A)
- StatusAware layer
- 10 to 20 administrator seats depending on package
- 90 days of playback for L3Harris StatusAware layer; 7 days for all other layers

N	LE-SJ1A	50,000.00	MAP, BASE PKG 1, 1-100 SQ. MILES Includes 10 administrator seats
N	LE-SJ1B	150,000.00	MAP, BASE PKG 2, 101-1200 SQ. MILES Includes 10 administrator seats
N	LE-SJ1C	300,000.00	MAP, BASE PKG 3, 1201-5000 SQ. MILES Includes 20 administrator seats
N	LE-SJ1D	500,000.00	MAP, BASE PKG 4, 5001-10000 SQ. MILES Includes 20 administrator seats
N	LE-SJ1E	600,000.00	MAP, BASE PKG 5, 10000+ SQ. MILES Includes 20 administrator seats
N	LE-SJ1F	0.01	STD LAYER, TRAFFIC CAMERAS (4), INRIX Included in all Map Base Packages except LE-SJ1A
N	LE-SJ1G	0.01	STD LAYER, PLACEHOLDER Included in all Map Base Packages except LE-SJ1A

SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE

E/C	Model No.	List Price \$	Description
Step 3 – Select Optional Add-On Data Layers as Needed			
Standard Layers			
N	LE-SJ3P	9,000.00	STD LAYER, TRAFFIC CAMERAS (4), PKG1 ONLY For LE-SJ1A only
N	LE-SJ1H	9,000.00	STD LAYER, VSOM VMS, CISCO
N	LE-SJ1J	9,000.00	STD LAYER, CODE BLUE
N	LE-SJ1K	9,000.00	STD LAYER, ELSAG LPR, LEONARDO
N	LE-SJ1L	9,000.00	STD LAYER, EXACQVISION VMS, TYCO
N	LE-SJ1M	9,000.00	STD LAYER, HERE
N	LE-SJ1N	9,000.00	STD LAYER, INFORM CAD, TRITECH
N	LE-SJ1P	9,000.00	STD LAYER, VMS, INTELLIGENT SECURITY SYS
N	LE-SJ1R	9,000.00	STD LAYER, LIGHTNING, EARTH NETWORKS
N	LE-SJ1T	9,000.00	STD LAYER, CAD, MARK43
N	LE-SJ1U	9,000.00	STD LAYER, VMS, MILESTONE
N	LE-SJ1V	9,000.00	STD LAYER, FLEX CAD/AVL, MOTOROLA
N	LE-SJ1W	9,000.00	STD LAYER, PREMIER ONE CAD, MOTOROLA
N	LE-SJ1X	9,000.00	STD LAYER, RADIOS, MOTOROLA
N	LE-SJ1Y	9,000.00	STD LAYER, VMS, ON-NET SURVEILLANCE SYS
N	LE-SJ1Z	9,000.00	STD LAYER, PARKING, INRIX
N	LE-SJ2A	9,000.00	STD LAYER, LPR, PLATESMART
N	LE-SJ2B	9,000.00	STD LAYER, DOOR ACCESS CTRL, S2 SECURITY
N	LE-SJ2C	9,000.00	STD LAYER, SHOTSPOTTER
N	LE-SJ2D	9,000.00	STD LAYER, SIVEILLANCE VMS, SIEMENS
N	LE-SJ2E	9,000.00	STD LAYER, SOCRATA, TYLER TECHNOLOGIES
N	LE-SJ2F	9,000.00	STD LAYER, CAD, SUNGARD-SUPERION
N	LE-SJ2G	9,000.00	STD LAYER, CCURE 9000 DOOR ACCESS, TYCO
N	LE-SJ2H	9,000.00	STD LAYER, VMS, V5 SYSTEMS
N	LE-SJ2J	9,000.00	STD LAYER, VIDEO INSIGHT VMS, PANASONIC
N	LE-SJ2K	9,000.00	STD LAYER, LPR, VIGILANT

SITUATIONAL AWARENESS MAPPING

Band: N/A

Product Code: LE

E/C	Model No.	List Price \$	Description
Premium Layers			
N	LE-SJ2L	18,000.00	PREMIUM LAYER, VMS, AVIGILON
N	LE-SJ2M	18,000.00	PREMIUM LAYER, RATINGS, CONTROL RISKS
N	LE-SJ2N	18,000.00	PREMIUM LAYER, DATAMINR
N	LE-SJ2P	18,000.00	PREMIUM LAYER, WIND SPEEDS, FATHYM
N	LE-SJ2R	18,000.00	PREMIUM LAYER, FLIGHT AWARE
N	LE-SJ2T	18,000.00	PREMIUM LAYER, TROPICAL STORMS, IBM
N	LE-SJ2U	18,000.00	PREMIUM LAYER, WEATHER FORECAST, IBM
N	LE-SJ2V	18,000.00	PREMIUM LAYER, SMART LIGHTING, ITRON
N	LE-SJ2W	18,000.00	PREMIUM LAYER, LIFERAFT
N	LE-SJ2X	18,000.00	PREMIUM LAYER, MARINE TRAFFIC
N	LE-SJ2Y	18,000.00	PREMIUM LAYER, NC4
N	LE-SJ2Z	18,000.00	PREMIUM LAYER, BLUEDOT, OMNITRACS
N	LE-SJ3A	18,000.00	PREMIUM LAYER, PULSE, VMWARE
N	LE-SJ3B	18,000.00	PREMIUM LAYER, SHIPS, IHS MARITIME
N	LE-SJ3C	18,000.00	PREMIUM LAYER, VERIZON CONNECT
N	LE-SJ3D	18,000.00	PREMIUM LAYER, INCIDENTS, WORLDWARE
N	LE-SJ3E	18,000.00	PREMIUM LAYER, INTELLIGENCE, WORLDWARE
N	LE-SJ3F	18,000.00	PREMIUM LAYER, RATINGS, WORLDWARE
Super Premium Layers			
N	LE-SJ3G	45,000.00	S-PREMIUM LAYER, PRECIPITATION, FATHYM
N	LE-SJ3H	45,000.00	S-PREMIUM LAYER, ROUTES WEATHER, FATHYM
N	LE-SJ3J	45,000.00	S-PREMIUM LAYER, VMS, GENETEC
Step 4 – Select Additional Options as Needed			
N	LE-SJ3K	1,800.00	SEAT, ADDITIONAL
N	LE-SJ3L	40,000.00	ARCHIVE, 23 DAYS ADDITIONAL
N	LE-SJ3M	120,000.00	ARCHIVE, 83 DAYS ADDITIONAL
N	LE-SJ3N	25,000.00	CAMERAS, 6 ADDITIONAL, SIMULTANEOUS VIEW

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PROVOICE™, EDACS®, AND P25^{IP} RADIO TEXTLINK

Band: N/A

Product Code: NM



Standard Equipment	Standard Features
<ul style="list-style-type: none"> Radio TextLink Virtual Machine Application XL-400P, XL-200P, XL-185P, XL-150P, XL-95P, XL-45P, Unity® XG-100P, XG-75, P7300, P7200, P7100^{IP}, P5500, P5400, P5300, P5200, P5100, XG-25P, XG-15P, XL-200M, XL-185M, Unity XG-100M, M7300, M7200, M7100^{IP}, M5300 or XG-25M Radio only with Radio TextLink feature encryption Radio TextLink Client (License) 	<ul style="list-style-type: none"> Freeform text sent to and displayed on mobile and portable radios Two-way canned messages and responses Form capabilities Message routing and logging Console, dispatch, CAD workstation, and/or third-party application support IP-based data application

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
Options for Client			
NB	CM22465-1001	2,875.00	LICENSE, RADIO TEXTLINK CLIENT (1 License per Concurrent Client)

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PROVOICE™, EDACS®, AND P25^{IP} RADIO TEXTLINK

Band: N/A

Product Code: NM

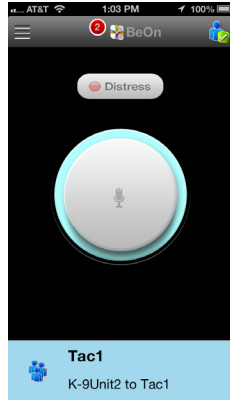
E/C	Model No.	List Price \$	Description
Options for Portables and Mobiles (Ordered with the Radio)			
NB	XF-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink for XL-400P
NB	XL-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-200P
NB	XS-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes Radio TextLink for XL-185P
NB	XV-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes Radio TextLink for XL-150P
NB	XN-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes HVD-FDMA, MDT, and Radio TextLink for XL-95P
NB	XK-PKGPD	350.00	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	350.00	FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-200M
NB	XT-PKGPD	350.00	FEATURE PACKAGE, P25 DATA Includes Radio TextLink and MDT for XL-185M
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

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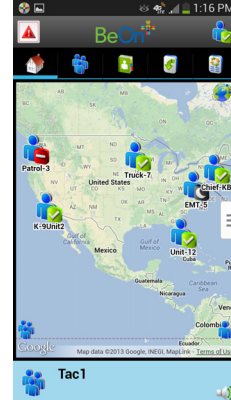
BEON® GROUP COMMUNICATIONS SUITE

Band: NA

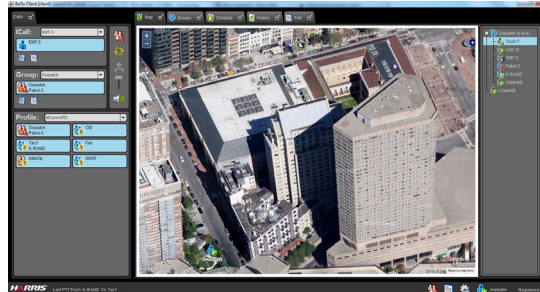
Product Code: BN, BM



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"> Instantaneous group communications over cellular networks Integrated voice, text messaging, and Google Location Service™ Integrated group communications between LMR and cellular networks A platform that is expandable to include advanced situational awareness applications P25 Feature Set including resident P25 vocoder 	<ul style="list-style-type: none"> Expands LMR system footprint to that of the nationwide cellular systems Far and above the best performance and feature set of any cellular PTT system when used with VIDA® LMR networks Provides access to LMR voice on smaller multifunctional phones that are preferred in some use cases Advanced features such as presence, call recording on the phone, and mapping improve user efficiency

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
Manuals			
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

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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



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 3rd 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

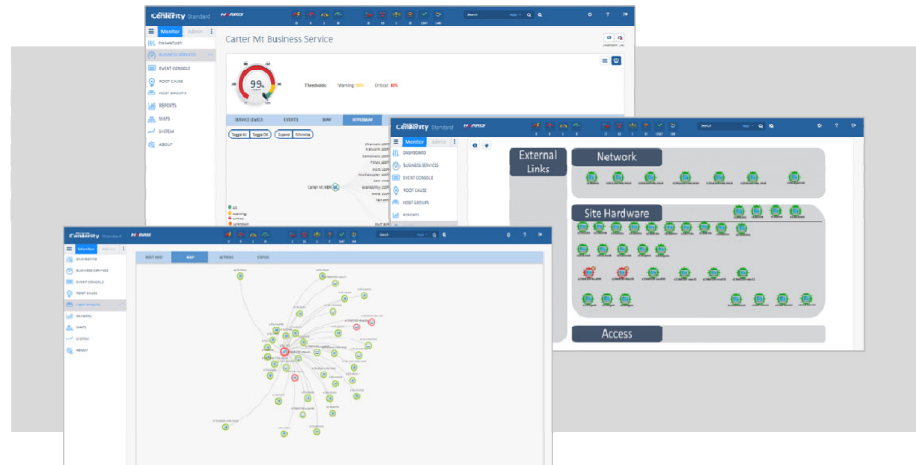
Centerity Systems, Inc. | Network Management Command Dashboard

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.

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 SPRT, 12TC, YR4
V	EXS-LR-12TC-MAINT5	6,921.86	SERVICE, ANNUAL MAINT SPRT, 12TC, YR5
V	EXS-LR-12TC-MAINT6	6,921.86	SERVICE, ANNUAL MAINT SPRT, 12TC, YR6
V	EXS-LR-24TC-MAINT4	7,857.86	SERVICE, ANNUAL MAINT SPRT, 24TC, YR4
V	EXS-LR-24TC-MAINT5	7,857.86	SERVICE, ANNUAL MAINT SPRT, 24TC, YR5
V	EXS-LR-24TC-MAINT6	7,857.86	SERVICE, ANNUAL MAINT SPRT, 24TC, YR6
V	EXS-LR-36TC-MAINT4	8,793.86	SERVICE, ANNUAL MAINT SPRT, 36TC, YRS4
V	EXS-LR-36TC-MAINT5	8,793.86	SERVICE, ANNUAL MAINT SPRT, 36TC, YRS5
V	EXS-LR-36TC-MAINT6	8,793.86	SERVICE, ANNUAL MAINT SPRT, 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

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

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

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
Vehicular Repeaters (Conventional)*			
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 ^{IP} , Jaguar 725M, and Orion mobiles.			
Miscellaneous Equipment			
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
Andrew			
Base Station Antennas and Accessories			
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.			
108-174 MHz Antennas			
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
406-512 MHz Antennas			
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
Antenna Mounting Hardware			
V	7699	500.00	KIT, ANTENNA SIDE MOUNT, ASPR614
Power/Fiber Optic Cables			
V	MAIROS0002-00350	3,065.00	CABLE, POWER/FIBER OPTIC, 350 FT
Unassembled Cable and Connectors (For Field Assembly)			
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
Combilent			
Base Station Antennas and Accessories			
Antenna Multicouplers			
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
Transmitter Combiner			
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
Filters			
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
Power Monitors			
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
Sinclair Technologies			
Base Station Antennas and Accessories			
Antennas			
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 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
Antenna Multicouplers			
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
Sinclair Technologies (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.			
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
Preselectors			
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
Transmitter Combiners			
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
DBSpectra			
Base Station Antennas and Accessories			
Antennas			
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
Antenna Multicouplers			
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
Power Monitors			
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
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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
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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
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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
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VENDOR PRODUCTS

Product Code: 77

E/C	Model No.	List Price \$	Description
Radio Frequency Systems (RFS)			
Base Station Antennas and Accessories			
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
Transmitter Combiner			
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
Installation Accessories			
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
Radio Frequency Systems (RFS) (Cont'd)			
Cables and Connectors			
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
Unassembled Cable and Connectors (For Field Assembly)			
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
Transtector			
Cables, Connectors, and Surge Protectors			
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
Transtector and Tessco			
Cables, Connectors, and Surge Protectors			
V	PT-018602-001	175.00	FILTER, SURGE PROTECTOR, 800-2500 MHZ
TX RX Systems			
Base Station Antennas and Accessories			
V	AN-009170	4,100.00	ANTENNA, 746-869 MHZ, OMNI, 10 DB
Antenna Multicouplers			
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
Intraplex			
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
Intraplex (Cont'd)			
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, 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
Intraplex (Cont'd)			
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, 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
Intraplex (Cont'd)			
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
Intraplex (Cont'd)			
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

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