



**L3HARRIS™**  
FAST. FORWARD.

# SEAMLESS INTEGRATION FOR TOP TACTICAL PERFORMANCE

L3Harris Airborne Accessories



# Advanced Airborne Solutions Enhance Your Mission's Reach

L3Harris Airborne radio solutions seamlessly connect the tactical edge to the aerial tier, advancing Command and Control through real-time, high-speed voice, video and data. SWaP-optimized for deployment in fixed-wing, rotary, unmanned and vehicular systems, these advanced solutions give soldiers unmatched abilities to switch waveforms and networks

on the move as mission needs rapidly change.

Custom airborne accessories are engineered for easy integration and enhanced performance of the L3Harris Airborne Multi-Channel Radio (HAMR), the Small Secure Data Link (SSDL) and Small Tactical Terminal (STT).



HAMR

SSDL

STT

## HAMR ACCESSORIES

### HAMR Cable Adapter (HCA) Kit 3237220-103



The L3Harris Airborne Multi-channel Radio (HAMR) Cable Adapter is an electrical breakout box which converts HAMR 38999 MIL-style connectors to standard lab-use types. HCA RS-232 connectors are brought out as 9-pin D-Sub connectors and a standard AN/PRC-152/152A side connector allows existing AN/PRC-152/152A cables to be used with the HAMR radio.

The HCA supports initial system checkout integration, troubleshooting and maintenance.\*

Ports and Interfaces:

- > External zeroize, PT/CT/LD and PTT switches
- > ADF key fill connector
- > USB and Ethernet ports
- > Keypad Display Unit (KDU) connector
- > Virtual KDU connector (DB9) couples a PC to HAMR
- > Serial red side control connector (DB9)

Includes:

- > Two breakout boxes for control and monitoring of both HAMR channels
- > Breakout box to HAMR cables
- > Dual-channel KDU and cables for controlling both HAMR channels simultaneously
- > Product DVD
- > Plastic storage case

### Keypad Display Unit (KDU) Kit 10533-0100-02

The KDU provides remote control of a single HAMR radio channel. The kit includes a cable for direct connection to the HAMR Cable Adapter.



Includes:

- > Remote KDU assembly (green)
- > KDU wrist strap (black)
- > Remote KDU instructions
- > KDU extension cable

### Dual-channel KDU Kit 3246284-101

The Dual-channel KDU Kit provides simultaneous control of two radios with a single remote device. Cables are included for a direct connection to the HAMR cable adapter.



Includes:

- > Dual-channel remote KDU assembly (green)
- > KDU wrist strap (black)
- > Remote KDU instructions
- > KDU extension cables (two each)

### HAMR Connector Kit (with cables, non-terminated) 3237222-101

The L3Harris Airborne Multi-channel Radio Connector Kit provides all necessary cables to connect to the HAMR. These lab-grade cables are six feet long and attach to the radio's MIL-DTL-38999 connectors.\*



Includes 8 HAMR connection cables:

- > Channel 1 and 2 network cables
- > Channel 1 and 2 fill cables
- > Channel 1 and 2 KDU/USB cables
- > Power cable
- > Power amplifier control cable

### HAMR Connector Kit 3237221-101

The HAMR Connector Kit provides all connectors needed to attach to the radio's MIL-DTL-38999 connectors.



Includes:

- > Red network channel 1 and 2
- > Key fill channel 1 and 2
- > KDU/USB channel 1 and 2
- > Power (J9)
- > Power amplifier control (J10)

## HAMR Hold Up Battery (HUB) 2021734-101



The HAMR HUB can be changed in the field. The life of this unit is prolonged by continued connection of the HAMR radio to primary power. However, the HUB should be replaced every 10 years to ensure uninterrupted operation.

## SSDL ACCESSORIES

### SSDL Cable Adapter (SCA) Kit 3237219-102

The Small Secure Data Link (SSDL) Cable Adapter (SCA) is an electrical breakout box which converts the miniature SSDL application connectors to standard lab-use types.

SCA RS-232 connectors are brought out as 9-pin D-Sub connectors and a standard AN/PRC-152/152A side connector allows use of AN/PRC-152/152A cables with the radio.

The SCA Kit contains the minimum components needed to connect to an SSDL. The kit supports initial system checkout integration, troubleshooting and maintenance.\*

Kit includes:

- > SSDL breakout box
- > Breakout box to SSDL cables
- > SSMA to SMA adapters
- > KDU and cable
- > SSDL product DVD
- > Plastic storage case
- > External zeroize, PT/CT/LD and PTT switches
- > Multiple options for powering the SSDL via banana jacks or with an AN/PRC-152A battery
- > ADF key fill connector
- > USB and Ethernet ports
- > AN/PRC-152A side connector supports standard AN/PRC-152A cables
- > KDU connector
- > Virtual KDU connector (DB9) for coupling a PC to SSDL
- > Serial red-side control connector (DB9)



The SCA Kit with KDU (shown) contains everything needed to get the SSDL operational. It also includes a KDU for remote command and monitoring of the radio. The kit's adapters change the SSDL's SSMA RF connectors to a more standard lab-use SMA.

### Keypad Display Unit (KDU) Kit 10533-0100-02

The kit includes a KDU for remote control of the SSDL and a cable for direct connection to the SSDL Cable Adapter.



Includes:

- > Remote KDU assembly (green)
- > KDU wrist strap (black)
- > Remote KDU instructions
- > KDU extension cable

### SSDL V2 Connector Kit (with cables, non-terminated) 3190177-102

Each SSDL V2 Connector Kit supplies the connectors and cables to connect to the SSDL. The lab-grade cables are six feet long and attach to the miniaturized connectors on the radio.\*



Includes five SSDL connection cables:

- > Red signal
- > Black signal
- > Power
- > ADF
- > Ethernet/RS232/RS422

## SSDL V2 Hold-Up Battery (HUB) 3189967-102



The SSDL V2 HUB can be changed out in the field. The life of this unit is prolonged by continued connection of the radio to primary power. However, the HUB should be replaced every six months to maintain uninterrupted operation.

## STT ACCESSORIES

### STT Connector Kit (with cables, non-terminated) 3234788-101

The STT Connector Kit provides all necessary cables for connection to the STT. The lab-grade cables are non-terminated, six feet long and attach to the radio's MIL-DTL-38999 connectors.\*



Includes eight STT connection cables:

- > Channel 1 and 2 control cables
- > Link-16 audio/data fill cable
- > UHF audio/data fill cable
- > STT discrete cable
- > Power cable
- > RF cables (two each)

\* For lab use only, will not withstand deployment in an airborne environment.

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