



SEAMLESS INTEGRATION FOR TOP TACTICAL PERFORMANCE

HARRIS AIRBORNE
ACCESSORIES

HARRIS[®] TECHNOLOGY TO CONNECT,
INFORM AND PROTECT[™]

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ADVANCED AIRBORNE SOLUTIONS ENHANCE YOUR MISSION'S REACH

Harris 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 Harris Airborne Multi-Channel Radio (HAMR), the Small Secure Data Link (SSDL) and Small Tactical Terminal (STT).



HAMR ACCESSORIES

HAMR Cable Adapter (HCA) KITS

See reference chart below



The Harris Airborne Multi-Channel Radio 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.*

Includes:

- 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)

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 (2 each)

HAMR Connector Kit (with cables, non-terminated)

3237222-101



The Harris Airborne Multi-Channel Radio Connector Kit provides all necessary cables to connect to the HAMR. These lab-grade cables are 6 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 CABLE ADAPTER (HCA) KITS	HCA KIT	HCA SINGLE-CHANNEL KDU KIT	HCA DUAL-CHANNEL KDU KIT
PART NUMBER	3237220-101	3237220-102	3237220-103
Two breakout boxes for control and monitoring of both HAMR channels	•	•	•
Breakout box to HAMR cables	•	•	•
Single-channel KDU and cable for controlling a single channel		•	
Dual-channel KDU and cables for controlling both HAMR channels simultaneously			•
Product DVD	•	•	•
Plastic storage case	•	•	•

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 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) Kits

See reference chart below

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.*

Includes:

- 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 6 feet long and attach to the miniaturized connectors on the radio.*

Includes 5 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 6 months to maintain uninterrupted operation.

STT ACCESSORIES

STT Connector Kit (with cables, non-terminated)

3234788-101



The STT Cable Kit provides all necessary cables for connection to the STT. The lab-grade cables are non-terminated, 6 feet long and attach to the radio's MIL-DTL-38999 connectors.*

Includes 8 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 (2 each)

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

SSDL CABLE ADAPTER (SCA) KITS	SCA KIT	SCA KIT WITH KDU
PART NUMBER	3237219-101	3237219-102
SSDL breakout box	•	•
Breakout box to SSDL cables	•	•
SSMA to SMA adapters		•
KDU and cable		•
SSDL product DVD	•	•
Plastic storage case	•	•

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments—from ocean to orbit and everywhere in between. Harris has approximately \$7.5 billion in annualized revenue and supports customers in more than 100 countries through four customer-focused business segments: Critical Networks, Space and Intelligence Systems, Electronic Systems and Communication Systems.

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