

STT RUGGEDIZED MOBILE SYSTEM

Support Equipment

The L3Harris Small Tactical Terminal (STT) Ruggedized Mobile System is a small, 4U transportable case unit offering a convenient way to operate your Link 16 system. Outfitted with all of the equipment you need for dual-channel operations, this mobile system can be used in any number of venues including operational, training, demonstrations and testing.

PRODUCT DESCRIPTION

The mobile system features two (one for each channel) L3Harris Multi-Platform Integrated Controllers (MIC)—a rugged control unit that offers both local and remote operation through an easy-to-use web interface:

- > Channel Power
- > Crypto Hold
- > LTTI
- > IFF Emergency
- > KDU Access Connector
- > Crypto Zeroize
- > Crypto Loading/Management
- > Preset Selection Interface
- > BIT Status
- > Important STT Status (battery, versions, cipher switch, etc.)
- > ASCII Console
- > USB Interface (loading mission plans, files, software all from a web browser)

The MIC offers a standard fill connector interface to the STT for ease of loading crypto with standard fill devices. The mobile system also includes the L3Harris Multi-Platform Audio Component (MAC), a rugged interface unit that provides independent or simultaneous dual-channel voice (receive and transmit). It features a custom built 30 W quad-speaker system that has been tuned to enhance audio quality. The MAC is compatible with most headsets and handsets and is also controlled through the same, intuitive web interface that is provided by the MIC.



Transportable,
Ready-to-Use

KEY FEATURES

- > Multi-Platform Integrated Controller (MIC)
- > Multi-Platform Audio Component (MAC)
- > Power and I/O panel for input power to the mobile system as well as standard interfaces to the STT:
 - CH1/CH2 MIDS Support Port/Ethernet (RJ45)
 - CH1 and CH2 DTE (DB15)
 - Link 16 1PPS ETR Input – 10v, 50ohm (BNC)
 - Link 16 Antenna A and B (NTYPE)
 - CH1 and CH2 UHF/VHF RF (TNC)
 - CH1 and CH2 MIC Web Interface (RJ45)
 - GPS 1PPS Output (BNC)
 - GPS USB Serial Console (USB-B)
- > Internal rack GPS to provide Link 16 1PPS ETR strobe and access to NMEA streams for an external host system via a USB serial connection

SPECIFICATIONS

PERFORMANCE

- > Input Power: 120 VAC 60 Hz, 20 amp (IEC C20)
230/240 VAC 50 Hz, 10 amp (IEC C14)
- > Dimensions: 11.1" (h) x 22.5" (w) x 34.5" (d)
- > Weight (Approximate): 130 lbs

STANDARD CABLES

- > W1, W2 and W3: Voice/Data/Control
- > W4 and W10: Crypto/Voice
- > W5: DC Power Cable
- > W6 and W7: UHF/VHF
- > W8 and W9: Link 16 RF Cables

STANDARD ACCESSORIES

- > Input Power Cables
 - 120 VAC NEMA 5-20P to IEC C19
 - 230/240 VAC AS/NZ4417 to IEC C13
 - 230/240 VAC CEE 7/7 EURO SCHUKO to IEC C13
 - (please specify if other international cables are required)
- > BNC to BNC 1PPS Jumper Cable
- > H-250 Handset
- > 2x KDU
- > 4x Ethernet Cables
- > 4x 50W RF Attenuators
- > 2x DB15 to DB15 Cables
- > USB-A to USB-B Cable
- > User Guide

STT Ruggedized Mobile System

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1025 W. NASA Boulevard
Melbourne, FL 32919
t 833 537 6837
CSW.Products@L3Harris.com