L3HARRIS COMMAND AND CONTROL MOBILE TOC

The L3Harris Command and Control Mobile TOC requires minimal setup, connections or configuration to establish a fully functional Tactical Operations Center. Designed for use with the L3Harris AN/PRC-158 Multi-channel Manpack, this C2 solution allows users to quickly establish dual-channel Line-Of-Sight (LOS), SATCOM and wideband network connectivity.

Ideal for nomadic missions, this wheeled, all-in-one system includes wideband/multiband and power amplifiers, AC and DC-DC power, SATCOM, LOS, wideband and narrowband ports, an Ethernet® switch and a dual audio channel loud speaker. All mounting and cabling are pre-configured allowing users to connect only power and antennas for immediate operation.

Equipped with a PC and monitor, the L3Harris Command and Control Mobile TOC provides fast access to C2 programs with flexible support for any Windows®-based software. The ruggedized PC features touchscreen technology and a sunlight-readable display.

KEY BENEFITS

> Preconfigured for near plug-and-play deployment with the L3Harris AN/PRC-158
> Dual-channel LOS, wideband, legacy and MUOS SATCOM connectivity
> Touchscreen PC supports all Windows-based C2 programs
> Can be integrated with the L3Harris RF-7800I Tactical Networking Intercom System

RAPIDLY DEPLOYED, USER-FRIENDLY NETWORK SOLUTION

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### GENERAL

**RT Nomenclature**
- 12206-0100-01 (TIB)
- RT 2034 P C U (SAASM GPS)
- RT 2034 P C U (commercial GPS)

**Frequency Range**
- 30 MHz-2.5 GHz
  - Narrowband: VHF: 30-225 MHz, UHF: 225-520 MHz, SATCOM RX: 243-270 MHz, TX: 292-318 MHz
  - Wideband: UHF: 225-520 MHz, L-BAND: 762 MHz-2.5 GHz

**Channel Spacing/Bandwidth**
- Narrowband: 8.33 kHz, 12.5 kHz, 25 kHz
- Wideband: 1.2 MHz, 5 MHz
- FM Deviation: 5 kHz, 8 kHz

**Net Presets**
- 99 system presets per channel

**GPS**
- SAASM receiver (commercial GPS optional)

**Management Tool**
- Communications Planning Application (CPA), JENM compatible

**Frequency Tuning**
- 10 Hz from 30-520 MHz
- 100 Hz from 762 MHz-2.5 GHz

**Software Environment**
- SCA v2.2.2

### TRANSMITTER

**Power Output**
- CH1:
  - VHF Low (30-90 MHz): 50 watts PEP
  - VHF High/UHF (90-450 MHz): 50 watts PEP
  - UHF (450-512 MHz): Greater than 20 watt PEP
  - Wideband (225-450 MHz): 50 watts PEP and Average
- CH2:
  - Narrowband: 10 W
  - Wideband: 20 W peak/10 W average (max)

**Harmonic Suppression**
> 53 dBc

**Spurious Suppression**
> 53 dBc

### RECEIVER

**Sensitivity**
- LOS FM 30-512 MHz: -116 dBm
- LOS AM 90-512: -103.5 dBm with 30% modulation

**Adjacent Channel Rejection**
> -40 dB

**Squelch**
- Digital (CDCSS or CTCSS), tone, noise or none

### PHYSICAL

**Dimensions (H x W x D)**
- 12.5 x 25 x 23 in (31.75 x 63.5 x 58.4 cm)

**Weight**
- 93 lbs w/o R/T

**Color/Finish**
- Tan

### INTERFACES

**Data**
- Ethernet, RS-232, EIA-422, PPP, USB

**Audio**
- VIC-1, VIC-3, LS-671 compatible

**Video**
- HDMI Output

**Antenna Port**
- CH1:
  - VHF Low: 50 Ohm BNC
  - VHF High/UHF: 50 Ohm BNC
  - UHF SATCOM: 50 Ohm BNC
  - Wideband: 50 Ohm N-Type
  - CH2: Narrowband: 10 W
  - Wideband: 20 W peak/10 W average (max)

**Function Knob**
- OFF, ON, LD, Z

**Remote Control**
- RF-7800I Compatible, USB, RS-232, Remote Keypad Display Unit (RKDU), Software Keypad Display Unit

### STANDARD KIT INCLUDES

- 12206-0300-01 Multi-channel Manpack Case
- 12206-0500-01 Accessory Kit

### OPTIONAL ACCESSORIES

- RF-3193TB-ATXXX TACT MAST ANT SET, 30-88,108-512, 550-2000 MHz
- RF-3082-AT001 Antenna, Foldable, UHF SATCOM, MUOS ATP
- RF-340M-DK001 Kit, Dismount Antennas

Please visit L3Harris.com for more information.