L3’s ROVER® 6 Transceiver is the next generation of portable ROVER® radios. Like earlier ROVER® products, it receives sensor data from multiple airborne platforms. However, its added transmit and Type 1 encryption capabilities set it apart. ROVER® 6 transforms sensor-to-shooter networking, allowing increased levels of collaboration and interoperability.

Key Features

- Multiband reception and transmission
- Transmit capable
  - Five-band operation (UHF, L, S, C and Ku)
  - External transmitter control
  - Transmitter amp blank and enable signal
- Two independent reception channels
  - Same or different bands
  - Diversity reception with two receive antennas

- Single data source
- Two external receiver interfaces
- Secure digital communications
  - AES and Type 1
- Various powering options
  - Accepts 10 to 32 VDC
  - AC/DC battery eliminator
  - BA-5590 battery-compatible
- Web-browser GUI control
ROVER® 6 Transceiver

Product Description

Designed for air, surface and maritime use, L3’s ROVER® 6 transceiver provides real-time, full-motion video and other data for situational awareness, targeting, battle damage assessment, surveillance, relay, convoy overwatch operations and other situations where eyes-on-target are required. ROVER® 6 has added the DDL Raven and emerging CDL waveforms to increase its interoperability with large airframes and virtually all UAVs and targeting pods. ROVER® 6 is able to receive in two different channels, in one or two different frequency bands, from a single data source. This frequency diversity provides link redundancy, robust reception, and resiliency to platform shading, multi-path interference, line-of-sight blockages and RF interference.

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