



ST. FORWA

# MILITARY MISSION CONNECTIVITY

RF-7800I Tactical Networking  
Intercom System





## CEN R L NI

The L3Harris RF-7800I-CU Central Unit is the foundation of the networking intercom system. Advanced technology eliminates background noise, delivering clear voice communications and data-sharing capabilities for up to eight Crew Stations and ten Combat Net Radios. The vehicle's system status, Crew Station controls and indicators are also monitored by the unit for greater control of the system. A light version is available to support voice-only communication between Crew Stations and radio transceivers.

Simple, easy-to-install four-core high speed cable connects the Central Unit and Crew Stations, reducing unnecessary cabin clutter

Power-efficient, modular system for mission flexibility

Software-configurable and upgradeable through a simple, PC-based user interface

More efficient, simultaneous data and voice through a single connection for up to ten radios

Provides power, programming, and configuration capabilities to Crew Stations and Active Noise Reduction headsets

Integrates Battle Management System and Situational Awareness applications

Provides duplicate streams of 64 kbps digitized PCM voice channels, and duplicate streams of digital synchronous communication with data and control signals of the serial asynchronous ports

Item	Value	Unit
Current (Max)	5	A
Power	5	W

## REMOTE ACCESS

### Remote Access

The L3Harris RF-7800I-SKA Soft Keypad Application utilizes Windows or Android platforms to gain remote control access of the intercom system through a smartphone, tablet or laptop. Android compatibility includes Samsung edge devices.

- Full system access from any remote location with LAN connectivity
- Secure login through an IP connection allowing Type 1 wireless data waveforms
- Feature updates including radio remote control and crossbanding



## ROTAR DIAL

### Rotar Dial

The L3Harris RF-7800I-RD Rotar Dial Unit allows users to quickly and easily communicate with their team, make a phone call or respond to an alarm.

- Remote radio control of L3Harris radios from Control Station at distances of up to 2 km\*
- 16 pre-programmable operation modes
- Audible messaging technology eliminates the need for operators to look at a dial to know what channel they are on
- Status indicators at each dial position to identify radios in use

## CREW

### Crew

The L3Harris RF-7800I-BU Basic Unit provides preprogrammed operation modes through a hands-free plug-and-play interface.

- Remote radio control of L3Harris radios from Control Station at distances of up to 2 km\*
- Delivers continuous voice and data communications
- Communicate urgent messages quickly and reliably
- Ideal for executing time-sensitive, critical operations



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The L3Harris RF-7800I Tactical Networking Intercom System voice-only configuration provides clear voice connectivity to every crew member within the aircraft.







