



L3HARRIS®

FAST. FORWARD.

MAXIMIZE DISTRIBUTED **CONNECTIVITY**

MC-3000I Mobile Command
Intercom System





L3HARRIS MC-3000I MOBILE COMMAND INTERCOM SYSTEM

Tough terrain and noisy environments are effortlessly overcome with the L3Harris MC-3000I Mobile Command Intercom System. This Victory/GVA-capable solution delivers crystal-clear voice and data between crew members operating within restricted spaces in military vehicles. The MC-3000I supports HF, VHF, UHF, SPR, LMR and satellite communications technology, reliably connecting dismounted personnel, Tactical Operations Centers (TOC), maritime and vehicular units. Interoperable with the L3Harris Falcon® IV family of tactical radios, as well as other military, government and commercial devices, this modular, customizable design makes the system easy to install and configure based on the unique needs of the mission.

In mission-critical operations, seamless and adaptable communication systems are not just advantageous — they are essential. The MC-3000I Mobile Command Intercom provides advanced communication solutions tailored to meet the requirements of military operations.

FEATURES

The system utilizes the Data Distribution Service (DDS) architecture to provide a high-performance, real-time data connectivity solution. It ensures efficient and reliable data exchange vital for dynamic operational environments.

The system also boasts advanced noise reduction and voice enhancement technologies, ensuring clear audio in challenging conditions. Additionally, its modular design is adaptable, catering to both small and large-scale operations, making it a versatile tool for team communication needs.

- > Rotary dial includes four large knobs enabling, two operators to independently connect to and monitor radios, users and conferences
- > Keypad display offers immediate access to radio functions, enhancing communication management efficiency
- > Intuitive interface allows for quick control of the system, ensuring focus remains on the mission
- > Built to endure extreme conditions guaranteeing consistent performance
- > Easily integrates with existing communication systems, minimizing the need for extensive modifications
- > Advanced protocols protect sensitive communications, maintaining confidentiality and security
- > Stays connected over vast distances, enhancing coordination and response times
- > Efficiently manages multiple channels of communication simultaneously, ensuring comprehensive situational awareness
- > Optimized low-power consumption resulting in longer operational periods and reduced logistical support

POWER OPTIONS

- > **DC Power:** The MC-3000I is equipped to operate on direct current (DC) power sources, ensuring flexibility and reliability in field operations.
- > **Power over Ethernet (PoE+):** With PoE+ capability, the MC-3000I can receive both power and data through a single Ethernet cable, simplifying installation and reducing cable clutter.

These power options provide versatility in deployment scenarios, allowing the MC-3000I to adapt to various operational environments and infrastructure setups.

The appearance of U.S. Department of War visual information does not imply or constitute DoW endorsement.



MC-3000I-KD200

The Keypad Display (KD) is ~4 pounds

With a 3.5" bright daylight-readable non-touch color display to provide the operator with a clear picture of the status of communication throughout the vehicle.



From the buttons on the keypad the operator can:

- > Select various radios to operate and control
- > Monitor conferences, operators, radios
- > Communicate with operators individually or in a conference
- > View status of vehicle sensor alerts

MC-3000I-RD200

The Rotary Dial (RD) is ~4 pounds

The configuration of the RD and how each position is programmed is determined by the Communication Planning Application (CPA) configuration file. Similarly, the four function buttons, F1 through F4, can also be configured by the CPA and may be assigned to either operator.



- > Four large knobs for independent operator use
- > Each operator can connect to radios, users and conferences using one knob
- > A second knob allows each operator to monitor radios, users and conferences

BENEFITS

The communication system offers an intuitive interface and multichannel capabilities that significantly streamline communication processes. This allows for rapid decision making and effective mission management, essential in time-sensitive situations. Its advanced audio technology is specifically engineered to deliver clear messages over background noise, minimizing misunderstandings and repeat communications in high-pressure environments.

Its scalable configuration can be customized to suit any operation size, providing the flexibility to adapt to evolving communication requirements. Its rugged construction makes it dependable in the harshest conditions, reducing downtime and maintenance costs.

The system's long-range connectivity extends the communication network to keep teams in touch over long distances and expansive operational zones supporting consistent communication throughout extended missions.

L3Harris' commitment to customer service ensures that support is always available, providing peace of mind and assistance when you need it:

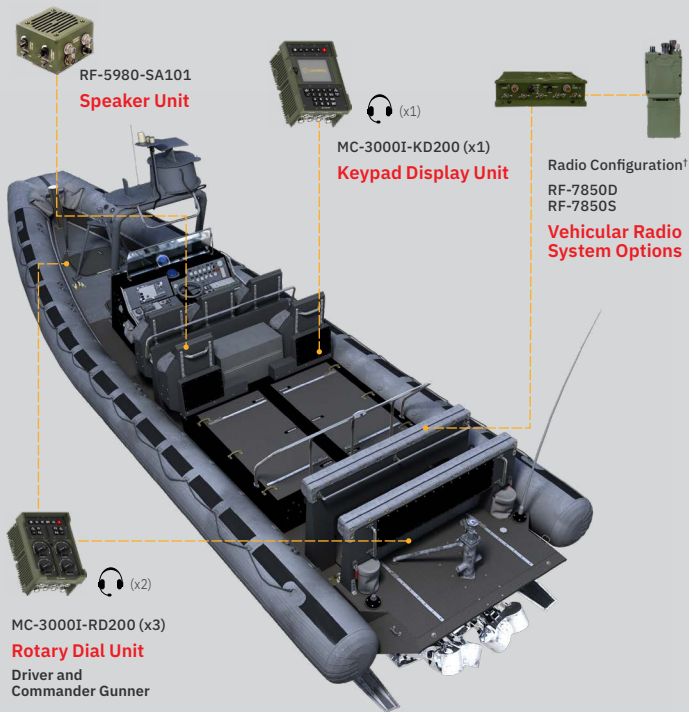
- > Streamlined communication for quick decision making
- > Clear audio in noisy environments
- > Customizable to operation size
- > Durable and reliable in harsh conditions
- > Advanced protocols for secure communications
- > Long-range connectivity
- > Energy efficient
- > Dedicated customer service support

- Small Tactical Vehicle
- Large Command Vehicle
- Maritime

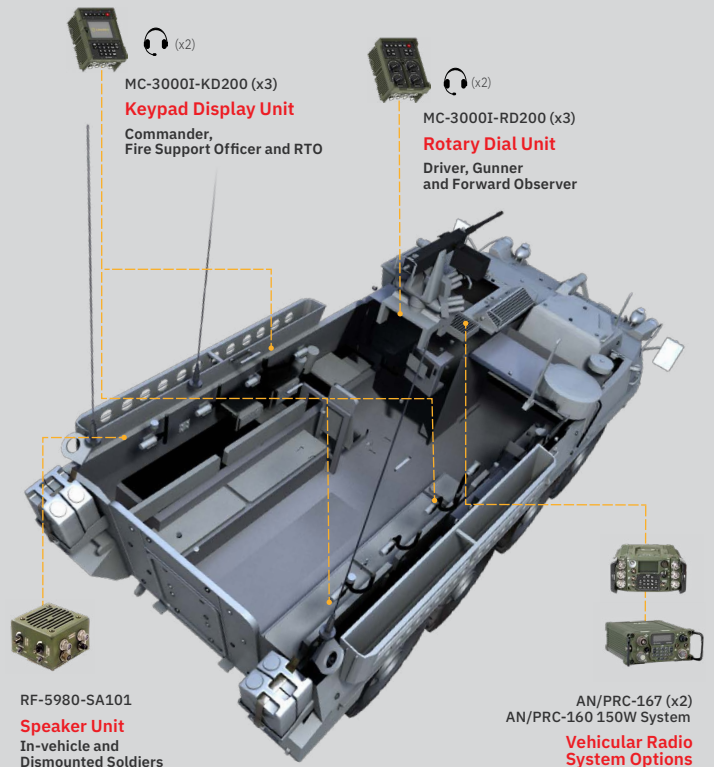
EQUIPMENT LIST				
Part Number	Description	Quantity		
Intercom Components				
MC-3000I-KD20X	Keypad Display Unit with 2 Headset Ports	1	3	1
MC-3000I-RD20X	Rotary Dial Unit with 2 Headset Ports		3	3
RF-5980-SA10X	Tactical Speaker Unit		1	1
Headsets and Ancillaries				
A06-0015-002	Racal Under-the-Helmet Light ANR Headset	2		8
A06-0017-201	Mesit M10A.34 PICVC		10	
12109-0250-01	Intercom Handset		1	
12283-0500-A32	Crew Station to Headset Cable	2	10	8
12283-0502-A32	Crew Station to 6-Pin Handset		1	
12283-0515-A004	Crew Station to RF-5980-SA10X Cable		1	1
Cabling and Mounting Solution				
12283-0553-A020	Crew Station DC In	1	1	1
12283-0550-A020	Crew Station Line Out to Line In		5	3
12283-0558-A020	Crew Station Line Out to Line In with DC		1	
12283-0610-A010	Crew Station System to RJ45 Ethernet	1	3	1
MC-3000I-MT001	Mount Assy MC-3000I Gimbal	1	6	4

Note: See your L3Harris Sales Representative for additional part numbers.





*Radio system not included.



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EQUIPMENT LIST	
Part Number	Description
12283-0702-A0XX	RF-5800H-MP
12283-0703-A0XX	RF-7800H/AN/PRC-160
12283-0704-A0XX	RF-5800H/RF-7800H 20W under 2.0 firmware
12283-0705-A0XX	RF-5800H/RF-7800H 150W under 2.0 firmware
12283-0710-A0XX	RF-5800V-HH/RF-5800M-HH
12283-0711-A0XX	RF-5800V-MP/RF-5800M-MP
12283-0712-A0XX	AN/PRC-117F
12283-0718-A0XX	RF-7800S audio only
12283-0719-A0XX	RF-7800S USB data
12283-0720-A0XX	RF-7800M-MP/AN/PRC-117G
12283-0722-A0XX	AN/PRC-152A
12283-0723-A0XX	AN/PRC-152A/RF-7800M-HH
12283-0735-A0XX	PRC-158 W/ USB KDU
12283-0736-A0XX	PRC-158
12283-0724-A0XX	AN/PRC-163
12283-0725-A0XX	AN/PRC-167
12283-0727-A0XX	AN/PRC-167, Audio, USB
12283-0730-A0XX	RF-7800V/RF-7850M
12283-0731-A0XX	RF-7850S
12283-0732-A0XX	RF-7850D
12283-0740-A0XX	PR4G

Note: See your L3Harris Sales Representative for additional part numbers.

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