



L3HARRIS®
FAST. FORWARD.

MC-3000I MOBILE COMMAND INTERCOM

Clear, reliable and secure communications in high-pressure environments

| INTERFACES | |
|---------------------|--|
| Audio, Single-Ended | 0 dBm at 600 ohms |
| Audio, Balanced | 0 dBm at 600 ohms |
| Radio PTT | Optically isolated normally open |
| Radio Data | RS-232 PPP, USB RNDIS, Ethernet, 10/100 Base-T |
| Radio Console Port | RS-232 |
| Ethernet | 10/100/1000 Base-T |
| Protocols | TCP, UDP, RTP |
| System Interfaces | Ethernet, USB, OTG, Serial, GPIO |
| Console Port | RS-232 at 115.2 KB |
| Codec | G.711, G.729 |

| POWER | |
|-------------------|---------------------------------------|
| Power Input | 10.5-36 VDC per MIL-STD-1275E or POE+ |
| Power Consumption | 15 watts nominal each crew station |

| PHYSICAL | |
|--------------|---|
| Dimensions | KD: ~6.53 H x ~4.83 W x ~3.05 D in (~16.59 H x ~12.27 W x ~7.75 D cm) RD: ~6.53 H x ~4.83 W x ~3.3 D in (~16.59 H x ~12.27 W x ~8.38 D cm) |
| Mounting | Hard mounted |
| Weight | KD: ~4 lbs (~1.81 kg) RD: ~4 lbs (~1.81 kg) |
| Color/Finish | MC-3000I, Green per FED-STD-595B 34094 Tan per FED-STD-595B 33446 |

| ENVIRONMENTAL | |
|------------------------|--|
| Temperature, Operating | -22°F to +140°F (-30°C to +60°C) per MIL-STD-810H 501.7 Proc II and 502.7 Proc II |
| Temperature, Storage | -40°F to +160°F (-40°C to +71°C) per MIL-STD-810H 501.7 Proc I and 502.7 Proc I |
| Immersion | 1 meter per MIL-STD-810H 512.6 Proc I |
| Altitude, Operating | 15,000 ft per MIL-STD-810H 500.6 Proc II |
| Altitude, Storage | 40,000 ft per MIL-STD-810H 500.6 Proc I |
| Shock | MIL-STD-810G 516.6 (transit drop) MIL-STD-810H 516.8 (crash hazard) |
| Vibration | MIL-STD-810H 514.8 Proc I Cat 20, Proc II Cat 5 |
| Humidity | 0 to 95% per MIL-STD-810H 507.6 Proc II |



The L3Harris MC-3000I is engineered to enhance user experience, simplifying deployment and operation in the field for seamless system operation, integration and management. Being a decentralized distributed system allows flexibility in system design and reduced cost of the overall system.

The MC-3000I platform utilizes an embedded ARM processor as its core and supports connection to radios and ancillary devices utilizing common interfaces that include Ethernet, USB, serial, audio, Wi-Fi, Bluetooth, DC power and GPIO (general-purpose input/output).

The L3Harris MC-3000I is interoperable with the L3Harris Falcon® family of tactical radios, as well as other military, government and commercial devices. The modular, customizable design makes the system easy to install and configure based on the specific needs of the mission.

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EMI/EMC

| | |
|-----|---|
| EMI | CS101, CE102, RE102, CS114, CS115, CS116 per MIL-STD-461G |
|-----|---|

STANDARD KIT INCLUDES

| MC-3000I | Mobile Command Intercom |
|------------------------|-----------------------------------|
| MC-3000I-KD | Keypad display user access module |
| MC-3000I-RD | Rotary dial user access module |
| MC-3000I-RG (roadmap) | Radio gateway, 4-channel |
| MC-3000I-SUA (roadmap) | Software user application |

OPTIONAL ACCESSORIES

- Radio cables
- Ethernet/USB cables
- Handsets and headsets
- Speakers
- Power cables

See the L3Harris Product Catalog for additional information



MC-3000I Mobile Command Intercom

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