

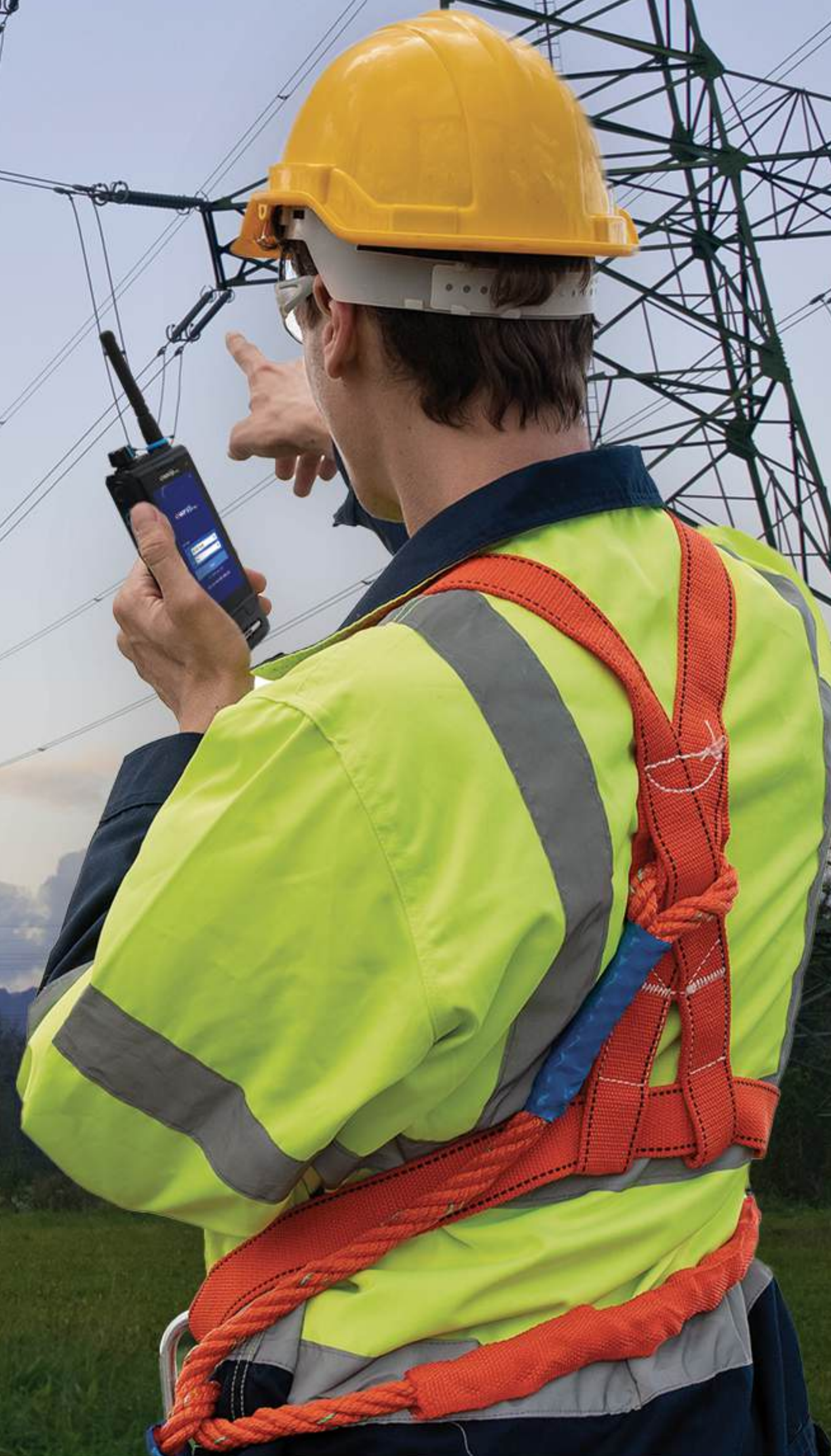
Compact But Rugged MCX Device



LM75

5G, 450MHz & DMO

CYBERTEL bridge



I 5G & 450MHz Support

- World-First MCX device to support 5G & 450MHz
- Enhanced network coverage with extended antenna
- Full-day operation with Smart battery management

I Key Features and Benefits

Form Factor

Rugged but still slim

- IP68 protection
- 1.5M drop certified
- MIL-STD 810G



PTT Sound

Never miss critical communication

- Qualcomm® Fluence Pro™ technology
- Active noise cancellation
- Front faced loud speaker



All day Operation

- Smart battery management
- Replaceable battery
- Backup battery insided



Application Compatibility

- Cybertel produces MCX software and device
- Preloaded voice applications



Network Coverage

Wider coverage with dedicated antenna

- Dual SIM dual standby
- DMO mode (optional)



Latest Platform

- Qualcomm QCM6490
- Qualcomm direct licensing



Maintenance

- Expectable service
- Reasonable cost
- User friendly hotline



Accessory

Diverse industrial accessory



Security

Extended Android security update

- Clear security roadmap
- Made in Korea



Mission Critical Network Coverage

LM75 Mission Critical 5G and 450MHz device is designed with first responders in mind. It has a rugged, easy-to-operate design with loud and clear audio system as well as end-to-end secure mobile platform. LM75 is designed for mission critical industry such as Public safety, Railway, Defense and Utility communications.

Ergonomic Form Factor

The LM75 is designed with intuitive controls that allow user to keep the eyes on the situation.

- A large and intuitive Push-To-Talk button and dedicated Emergency button.
- A programmable hard key offer shortcut access to desired and frequently used features.
- User driven and tested, light-weight design bring comfort in day-to-day operations.

Outperforms in Harsh Environment

A device manufacturer is forced to select the one factor between Durability and Slim form factor. Cybertel doesn't compromise any of them and LM75 offers the ruggedness but still slim form factor.

- Built to a Industry Standard: MIL-STD-810G for Drop and Shock
- Waterproof from the Inside Out: IP68 Rated

Outstanding Audio Quality

The LM75 is fully optimized to use in harsh environment. Loud and clear sound(108dB) with front-faced dual speaker and canceling background noise. ANC(Active Noise Cancellation) technology offers suppressing feedback caused from other devices when in close proximity of each other. The Qualcomm Fluence algorithm detects speaking party position and offers consistent voice quality with noise reduction as well.

Secure Mission-Critical Operation

The device fully supports broadband network such as 5G and particularly 450 MHz Frequency in Utility and Defense. A critical communication user can utilize DMO mode in case primary network is temporary not available. In order to support full day operation, LM75 supports field swappable battery. Even the backup battery keeps on-going session while user swaps the battery.



Accessory



Desktop cradle charger



6 Bay cradle charger



Bluetooth RSM



Bluetooth ear-mic



Data Sheet

System	Qualcomm QCM6490 (Octa core up to 2.7GHz)
Memory	8GB RAM / 128GB ROM
OS	Android 13 (FOTA upgradable)
Display	<ul style="list-style-type: none">3.5 Inch HD (720x1080)Glove and wet touch supported
Network	<p>5G n1, 2, 3, 5, 7, 8, 12, 20, 25, 28, 38, 40, 41, 66, 71, 77, 78, 79</p> <p>4G B1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 18, 19, 20, 25, 26, 28, 29, 30, 31, 32, 34, 38, 39, 40, 41, 66, 71, 72, 87</p> <p>DMO 400-470MHz (optional)</p>

Ruggedness	IP68, 1.5M drop, MIL-STD 810G
Form factor	68.4 x 149.8 x 29.9mm / 326.5g
Speaker	<ul style="list-style-type: none">3 Watt(Front)Active Noise Cancellation
Rechargeable Li-ion Polymer Battery	<ul style="list-style-type: none">STD 3.85V \approx 5200mAh (7.7V \approx 2400mAh for DMR)EXT 3.85V \approx 8000mAh (7.7V \approx 4000mAh for DMR)
Accessories	<ul style="list-style-type: none">Desktop cradle, 6 Bay chargerVehicle cradle, Rugged holsterBluetooth RSM, Bluetooth Ear-mic, Bluetooth ButtonWired Ear-mic, Wired RSM