

MCPTT Mobile LTE Device



AdvanceMobile iSL1

PTT Mobile solution for vehicles, trucks, school busses, trains, ships, buildings and command centers.

- Robust fully integrated mobile communication device
- Hands-free PTT communications
- Provides crystal clear half duplex high volume voice communication
- Up to 3000 Push-To-Talk Groups and dispatch contacts updated over the air
- Store 10 preset SMS/Text/Messages
- Receive and display unlimited SMS/Text messages (FIFO)
- OTA (Over The Air Updates)
- GPS Tracking
- Support the use of:
 - a. Palm mic
 - b. Goose neck mic
 - c. Privacy handset
 - d. Foot pedal PTT
 - e. Emergency Rotation light

THE EVOLUTION
OF MOBILE
COMMUNICATION.



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WHAT'S IN THE BOX:



PTT Button

Cable length: ±198 cm



Power Cable

Cable length: ±199 cm



AdvanceMobile Control Module

Cable length: ±203 cm



Junction Box



Visor Microphone (Visor Mic.)

Cable length: ±295 cm



Speaker

Cable length: ±187 cm

Optional By AdvanceTec:



Palm Mic



Mobile Foot Pedal



Privacy Handset



Rotating Emergency Blue Light

Device Specifications

- Voice, SMS and PTT communication
- Four line OLED display, legible in direct sunlight
- Displays antenna status
- Displays local time zone
- Volume control
- Ignition sense
- Accept unlimited talk groups and dispatch updated over-the-air
- Accept 10 preset SMS/Text/ messages
- Receive and display SMS/Text messages (FIFO)
- Keep last 100 calls (history)
- Flame retardant materials V0
- Operational Temperature range: -40 °C to +75 °C
- Storage: -45 °C to +85 °C
- Speaker output: 10W
- MIC Sensitivity: /-43±3dB (at 1KHz, 0dB=1V/Pa)
- Input voltage 12VDC-24VDC
- RoHS and WEEE compliant
- Display Specifications:
 - LCD type: Polarizer Blue OLED
 - Number of Characters: 20 characters x 4 Lines
 - View area: 77.0 x 25.2 mm (3.03" x 0.99")=3.187"
 - Active area: 70.16 x 20.95 mm (2.76" x 0.82")
 - Dot size: 0.54 x 0.55 mm (0.0212" x 0.0216")
 - Dot pitch: 0.6 x 0.59 mm (0.0236" x 0.0232")
 - Character size: 2.9 x 4.75 mm (0.114" x 0.187")
 - Character pitch: 3.54 x 5.4 mm (0.139" x 0.212")
 - View Angle: (V)θ 160 deg (H)φ 160 deg
 - Contrast Ratio: CR Dark 2000:1

- Variant
 - LTE FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66/B71
 - LTE TDD: B41
 - WCDMA: B2/B4/B5
 - GNSS: GPS/BeiDou/GLONASS or GPS/BeiDou/Galileo
 - Others: RoHS/REACH
- Data
 - LTE FDD: Max 150 Mbps (DL)/Max 50Mbps (UL)
 - LTE FDD: Max 130 Mbps (DL)/Max 30Mbps (UL)
 - DC-HSPA + Data Rate: Max42Mbps (DL)/11.2Mbps (UL)
 - WCDMA: Max 384Kbps (DL/UL)
- Sensitivity
 - LTE FDD B3: -101dBm LTE TDD B41:-100dBm
 - LTE FDD B28: -99dBm DCS 1800:-109dBm
- Output Power
 - Class 3 (23dBm±2dB) for LTE FDD Bands
 - Class 3 (23dBm±2dB) for LTE TDD Bands
 - Class 3 (24dBm+1/-3dB) for WCDMA Bands
 - Class 2 (24dBm+1/-3dB) for TD-SCDMA Bands
 - Class 3 (24dBm+3/-1dB) for EVDO/CDMA BCO
 - Class 4 (33dBm±2dB) for GSM850 and EGSM900
 - Class 1 (30dBm±2dB) for DCS1800 and PCS1900
 - Class E2 (27dBm±3dB) for GSM850 and EGSM900 8-PSK
 - Class E2 (26dBm±3dB) for DCS1800 and PCS1900 8-PSK
- General Features
 - OS: Android 10.X