

iTALK450

DUAL SIM PTT Mobile Radio

Global PTT services utilizing existing 2G/3G/Wifi network
Cost effective professional trunk radio features
Flexibility to use Wi-Fi and/or cellular networks
Designed to mount in vehicle standard DIN slot
Built in GPS facility provides basic device location services
Equipped with standard fist microphone & bluetooth capability



iTALK450 PTT Mobile Radio

KEY FEATURES AND BENEFITS

- **Compact Design and Easy to Install**

The iTALK450 has been designed to be easily & quickly installed in modern vehicles where dash space is at a premium. Designed to be installed in a standard vehicle DIN slot the iTALK450 provides significant functionality in an easy to install package.

- **Dual SIM Cards ensure Redundancy**

Dual SIM slots provide the users with the option of redundancy in the event of network or coverage failure, the iTALK450 will automatically switch SIMs to the other 2G/3G network.

- **Accurate Device Positioning Using A-GPS**

Assisted GPS provides enhanced device positioning using improved time-to-first-fix data provided by the cellular network. The A-GPS service provides accurate device location in built up city and dense urban areas where satellite GPS signals may be poor or unreliable.

- **Two Way Radio Features are Maintained for User Ease of Operation**

The iTALK450 terminal has been designed to look and operate like a traditional in-vehicle two-way radio terminal a standard or optional keypad fist microphone for reliable, well known and easy to use method of operation.

- **Flexible Call Features and Over the Air Programming**

The iTALK450 provides typical two-way radio voice services such as individual, group and all calls, alerts for incoming and progress of outgoing calls, voice announcement for cellular & Wi-Fi network access and 3 pre-programmable or over the air programmable one touch buttons for sending regular text message or selecting operational groups.

- **Device Message Recording and Playback**

The iTALK450 has the ability to record voice message from the iTALK Dispatch system for playback when the driver returns to the vehicle. In built echo suppression and loud & clear audio delivered by the high quality internal or optional external speaker ensure that stored messages are heard loud & clear.

- **Powered by Vehicle Battery for Reliable Continuous Operation**

The iTALK450 can operate on voltages between 8 to 36 volts DC which eliminates the need for voltage converters in heavy vehicles.

- **Strong Expansion Capability**

The Wi-Fi and Bluetooth features of the iTALK450 terminal allow expansion of standard functionality.

SPECIFICATIONS

General

Communication Mode & Frequency Band	3G: WCDMA 850MHz+ 900MHz+ 1900MHz+ 2100MHz 2G: GSM 850M+ 900M+ 1800M+ 1900MHz WIFI: 2.4/5Ghz
Operating Temperature	-30 ~ +60
Storage Temperature	40 ~ +80
Power Supply	DC 8-36V (Typical DC 12.5V), meet with ISO7637
Dimension (H*W*D)	43.4mm*152.6mm*50.7mm
Weight	280g
Display	160*128 pixels, monochrome LCD screen
Dustproof & Waterproof	IP54
Ports	1 X power port (can connect ACC power of vehicle) 1 X microphone port, 1 X USB port 1 X WCDMA/GSM wireless port, 1 X GPS antenna port 3 X Card slots (2 X SIM card slots, 1 X TF card slots)

Transmitter

RF Power Output	(2G) 2W ± 0.5W / 33.5dBm ± 1.5dB (3G) 0.25W ± 0.1W / 24dBm ± 1.5dB
Frequency Stability	± 0.1 ppm
Audio Distortion	5% (typical)

Receiver

Frequency Stability	± 0.1 ppm
Sensitivity	(2G) BER < 0.001 I or = 1 μV / -106.7dBm (3G) BER < 0.001 I or = 1 μV / -106.7dBm
Rated Audio Power	1W
Rated Audio Distortion	5% (typical)



STANDARD ACCESSORIES



Bracket



Power Cable



3G Antenna



GPS Antenna



Hand Microphone KME-231



Tel: 039 6855 288/7
 info@lazercomkzn.co.za
 9 Lind Road, Marburg, Port Shepstone, 4240
 PO Box 212, Umtentweni, 4235
 Vat: 4070104734
 www.lazercomkzn.co.za