POWERED BY
iTALKPTT

iTALK220

PTT Portable Radio

Global PTT service via 2G/3G network
Cost-effective professional trunked features
Easy-to-deploy & Easy-to-expand network
Large coverage & less limit in capacity
IP65 with professional appearance

iTALK220 Portable Radio

KEY FEATURES AND BENEFITS

• **Global PTT service**
Users can use PTT service globally via public operator's existing mature 2G/3G network.

• **3G / GSM (GPRS) / WIFI transmission**
It provides flexible ways of using PTT service under various radio environ-ments, if WIFI is on, WIFI will be the first choice for transmission; if WIFI is off, then 3G comes first.

• **NFC (optional) / Bluetooth**
NFC and Bluetooth function modules bring more possibilities for extended use, like guard patrol options.

• **GPS**

• **Remote programming over the air via public radio network enables lower customer maintenance cost**
Users can modify the setting for the two-way radio through web-based management platform or App in smart phone, then the modified parameters will be sent to radio via 2G/3G network automatically.

• **Remain user operation habits of critical communication**
With supporting basic functions of professional two-way radio, like voice services (all call / group call / private call / alert call etc); Text message; Tone alert (incoming call / outgoing call / text message / talk permit / low battery/emergency panic) etc.

• **Advanced signaling service**

• **Kill / stun / revive, radio monitor, ambience listening and roaming, to enable flexible management.**

• **iTALK software-Includes monitoring/recording and a unique guard patrouing system.**

• **IP65 Protection Desigh(Splash proof)**

SPECIFICATIONS

General

Communication Mode& Frequency Band	3G: WCDMA 850Mhz+2100Mhz or WCDMA 900Mhz+2100Mhz 2G: GSM 850M+900M+1800M+1900Mhz WIFI: 2.4Ghz
Channel Spacing	2G: 200kHz 3G: 5Mhz
Operating Temperature	-20℃ ~ + 50℃
Storage Temperature	-40℃ ~ + 80℃
Operating Supply	DC 3.7V
Battery	3800mAh Li-ion(standard),5000mAh Li-ion(optional)
Dimension (H*W*D) (with battery, without antenna)	115mm*54mm*30mm
Weight (with battery and antenna)	330g
Display	160*128 pixels, monochrome LCD screen
Dustproof & Splash Waterproof	IP65

Transmitter

RF Power Output	2G: 2W ± 0.5W / 3G: 0.25W ± 0.1W
Frequency Stability	±0.1 ppm
Audio Distortion	5% (typical)

Receiver

Frequency Stability	±0.1 ppm
Sensitivity	2G: BER < 0.001 when Îor = 1μV; 3G: BER < 0.001 when Îor = 1μV
Rated Audio Power	1W
Rated Audio Distortion	5% (typical)

STANDARD ACCESSORIES

Adapter

KBC-77Q

Battery

Antenna

Belt Clip