

General specification

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
Channel Zone	16	
Channel Capacity	4000 (250 Channels / Zone)	
Antenna impedance	50Ω	
Dimension(H*W*D)	110x56x35mm	
Weight (W/battery)	255g	
Li-pol battery	2200mAh	
Rated Voltage	DC: 7.4V	
Battery: The average battery life under 5/5/90 duty cycle, and using carrier squelch and TX high power 2200mAH li-pol battery Analogue: 11.2hours / Digital: 15.3hours		

Note: The battery working life may have little difference.
Battery capacity maybe change without notice, but the list is standard specification.

Receiver

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
Channel Spacing	12.5kHz/25kHz	
Frequency stability (-20℃、+60℃、+25℃)	+/-0.5ppm	
Analogue sensitivity	0.18μV	
Digital sensitivity(5% BER)	0.25μV / 0.2μV	
Intermodulation	65dB	
Adjacent channel selectivity	60dB@12.5kHz / 65dB@25kHz	
Spurious rejection	65dB	
Rated audio	500mw	
Audio distortion @rated audio	3%	
FM hum & noise	-40dB@12.5kHz / -45dB@25kHz	
Audio response	+1、-3dB	
Conducted / radiated emission	-57dBm	

Transmitter

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
Channel Spacing	12.5kHz/25kHz	
Frequency stability (-30℃、+60℃、+25℃)	+/-0.5ppm	
Low Power	1W	2W
High power	4.5W	5W
Modulation restriction	±2.5dB@12.5kHz / ±5.0dB@25kHz	
FM hum& noise	-40dB@12.5kHz / -45dB@25kHz	
Conducted/radiated emission	-36dBm < 1GHz / -30dBm > 1GHz	
Adjacent channel selectivity	-60dB@12.5kHz / -65dB@25kHz	
Audio Response	+1、-3dB	
Audio Distortion	3%	
FM modulation	12.5kHz :11KOF3E 25kHz :16KOF3E	
4FSK digital modulation	12.5kHz data: 7K60F1D and 7K60FXD 12.5kHz audio: 7K60F1E and 77K60FXE 12.5kHz data and audio: 7K60F1W	
Digital vocoder	AMBE+2™	
Digital agreement	ETSI-TS102 361-1、-2、-3	

Main Fratures:

- Private Call
 - Group Call
 - All Call
 - Scan
 - Kill
 - Revive
 - Battery Save Mode
 - One-touch Call
 - Remote Monitor
- Call Alert
 - Roaming
 - Prompt Tone On/Off
 - Low Power Voice/Icon Prompt
 - Support Voice Prompt for Channel Switching or Function-Option
 - Two Programmable Buttons for long pressing are available on the side.

Accessories:



Adaptor



Charger



2200mAh Polymer
Li-ion Battery Pack



Antenna



Belt Clip



Handstrap

Optional:



Earpiece (Optional)



GPS (Optional)



Bluetooth (Optional)



Bluetooth PTT
(Optional)



Bluetooth Headset
(Optional)