

User Manual

Accessories & Options

Welcome to your new radio. Please unpack it carefully and ensure that the below accessories are included. If you find any missing or damaged components, please contact your dealer immediately.

Supplied Accessories

Item	Qty
Radio	2
Earphone	2
Charging Cable	2
Lifting Rope	2
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Optional Accessories

Programming Cable	Charging Adapter
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Charging

When the radio beeps “Di-doo”, and the LED light flash green, please charge the battery of the radio as follow:

- Put the micro USB plug of the charging cable into the socket of the radio, put the USB connector of the other end of the charging cable to adapter. The adapter must be connected to the 100-240 volt AC mains.
- The Blue light would flash when the radio is charging.
- After charging the radio about 1.5 hours, the charging would be completed. The Blue light turns off automatically.

Basic Operation

Power on/off

Poking the switch on the side of the radio to power on/off. Three ascending

tones will sound, indicating that the radio has correctly powered on, the channel number will be announced followed.

Adjusting Volume

Press “<<” key to increase volume, “>>” to reduce volume.

Select Frequency

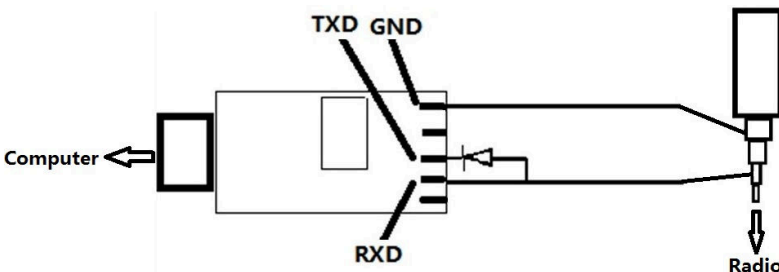
Press “<<” key to increase channel, “>>” to reduce channel. Channel number will be announced when channel changed.

Transmitting and receiving

To transmit, press and hold the PTT key on the microphone of the earphone and speak normally. Release the PTT key to stop transmitting. For best voice quality, hold the microphone about 2 IN (5 cm) away from your mouth and speak normally. Radios can only communicate in the same channel. If you don’t know the current channel number, you can short press M key, the radio will speak the current channel number. Long press the M key will transmit a call with “Ting-ling-ling” to other radios. A red LED indicates that the transmitter is active. A green LED indicates that the radio is receiving signal.

Programming Operation

User can program the radio through programming software. The connector of programming cable connect to the radio is 2.5 Pin 4 poles. The sequence of the USB and the connect diagram showed as following:



Auto Power Off (APO)

Auto Power Off will automatically turn the radio off after a set length of

inactivity. This function should be programmed through software. The Auto Power Off interval can be set to 10 minutes, 20 minutes, 30 minutes, 40 minutes, 50 minutes, 60 minutes, 90 minutes, 2 hours, 4 hours, 6 hours, 8 hours, 10 hours, 12 hours, 14 hours, or 16 hours.

Opening Tone

Enable opening tone through software, the radio would beep when radio turn on.
Default: ON.

Scan

Press a key which programmed as Scan, would enable scanning feature.

Time out timer(TOT)

You may set a TOT through software to specify a time-out timer for the transmitter. Setting such a timer would prevent accidental, lengthy transmissions where the transmitter does not properly unkey(a stuck PTT key, for instance). Not only could such transmissions be disruptive to other communications, they could damage the transmitter. Default: OFF.

Programmable key settings

The <<, M and >> keys are user programmable. The three programmable keys can only be changed in the programming software.

Each of these keys has two programmable functions, accessed by a short press (press and release) or a long press (Press and hold for 1.5 seconds). Each of these functions is set in one of the programmable key menus.

You may set any of the programmable keys to perform the following functions:
OFF/MOLO/SQM/Scan/Scan Add/CHA No./CALL/CHA+/CHA-/VOL+/VOL-.

Default:

<< Long Press: CHA+

<< Short Press: VOL+

>> Long Press: CHA-

>> Short Press: VOL-

M Long Press: CALL (Jingle bell)

M Short Press: CHA NO.(Channel Number)

Programming software password

A password can be set through the programming software to the radio. Once a password programmed to the radio, the radio can only be programmed when the password correct input in the software.

Lease Feature

When lease feature enabled through programming software, the radio flash the RED light when the time is out, you can do nothing except turn the radio off. It can only recover working through software.

Lease time: A lease time can be set through software. Range: 1 minute-255 days 24 hours 59 minutes.(Count on working time)

Specification

Band	UHF or VHF
Frequency	400~480MHz or 136~174MHz
Channel Capacity	16
Output Power	0.5W
Operation Mode	Simplex
Dimension(L*W*H)	66×26×14mm
Weight	25g
Modulation Limitation	$\leq \pm 5\text{KHz}$
Spurious Rejection	60dB
TX Current	300mAh
Frequency Stability	$\pm 2.5\text{PPM}$
Rx Sensitivity	$<0.18\mu\text{V}$
Modulation Type	F3E
Audio Power	$\geq 400\text{mW}$
Rated Voltage	3.7V

As technology developing, design and product specifications are subject to change without notice.