

User Manual

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate (SAR) information

For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

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	1
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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

Press power button for 5 seconds 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

Quick press “+” key to increase volume, “-” to reduce volume.

Press and hold “+” key to increase channel, “-” to reduce channel.

Select Frequency

Press and hold “+” key to increase channel, “-” to reduce channel.

Transmitting and receiving

To transmit, press and hold the PTT key on 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 frequency channel. A red LED indicates that the transmitter is active. A green LED indicates that the radio is receiving signal.

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.

Specification

Band	UHF
Frequency	462.55-462.725MHz 467.5625-467.7125MHz
Channel Capacity	22
Output Power	462.55-462.725MHz 17.43dBm 467.5625-467.7125MHz 17.35dBm
Operation Mode	Simplex
Dimension(L*W*H)	40×55×6mm
Weight	16g
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.