

User Manual

Introduction

National call, colorful display screen, large-sized PTT key, time zone, priority speaker, monitor.

Including private call, group call, friend group, remote update.

A group can accommodate up to 10,000 users!

With ultra-low call latency, high-definition voice, and strong signal transmission and reception capabilities, we are committed to helping company, security, property, municipal, logistics, shops, home use and other users achieve more effective work communication.

Content of the packaging

- 1 Radio
- 1 Li-Ion Battery
- 1 Adapter
- 1 Type-C Cable
- 1 Belt Clip
- 1 lanyard
- 1 Owner's Manual

If any item is missing, please verify with your dealer.

Product Features

1. Power On/Off key

- Press and hold the Power key for 3 seconds to turn on the radio.
- Press and hold the Power key for 3 seconds to turn off the radio.

2. PTT key

- Press and hold the **PTT** key to initiate a call, and the red indicator light will remain on.
- Release the **PTT** key to return to receiving state, and the green indicator light will remain on during the receiving process.

3. Vol + key

- Short press Vol+ key to increase the volume.

4. Vol - key

- Short press Vol- key to decrease and decrease the volume.

5. Menu keys

5.1 short press menu key to enter menu list , long press menu key to Activate/Close the keyboard lock.

5.2 Group select: Select a group to initiate group calls.

5.3 Member select: Select a member to initiate a private call.

Note: If there is no operation within 30 seconds, the Single Call status will be automatically exited.

Or either party can manually exit the Single Call by press the **BACK** button and return to the original group call status.

6. Radio settings:

1. Card management: When two SIM cards are installed, you can choose to use the specified SIM card.
2. Power save mode: Normal mode, Power save mode, Super power save mode (default).

Note: When in a weak signal environment and with poor call quality, you can choose power save mode or normal mode. The call quality will be improved, but the machine also consumes more power.

3. Automatic screen shutdown: If there is no button operation within the set time, the radio will automatically shut down the screen.
4. Transmit prompt sound: After enabling this function, press and release the PTT key will emit a "beep" prompt sound, which will improve the call experience. When this function is turned off, press the PTT key will result in no prompt sound.
5. Keypad sound: When this function is enabled, there will be a "beep" prompt sound when the button is pressed. When this function is turned off, there is no prompt sound when the button is pressed.
6. Keypad lock: When select menu to key lock, lock the keypad by long press the MENU key for 2 seconds, and the lock symbol will be displayed above the screen. When select automatic, the button will be automatically locked when the screen rest time is up (Note: The keypad lock function can only be used when the PTT key is available).
7. Single call exit time: refers to the maximum call time when enter the private call state.

7. Status Indications

The top LED will help you to identify the current radio status.

Status	LED Indication	Time
Search Network	Green light flashing fast	
Awaiting	Green light flashing slowly	0.5S on, 3.5S off
Transmitting	Constant Red	
Receiving	Constant Green	

Using earpiece (K type)

Open the protective cover, insert the compatible earpiece, press the PTT key on the earpiece, and initiate a call. Release the PTT key to enter the receiving state.

Battery charge

To charge batteries in radio:

1. Insert the original adapter into the AC socket, and then insert the adapter cable into the C-shaped socket at the bottom of the radio.
2. The indicator light at the bottom of the radio turns red and will turn green when it completes charging.

Installing SIM card

Before using this radio, insert a valid SIM card into the radio.

Basic Operation

On/off radio

When the radio is turned off, press and hold the Power key for 3 seconds to turn on the radio. After successfully logging into the network, there will be a voice prompt with a slow green light flashing.

- To turn off the 4G LTE POC RADIO, press and hold the Power key for 3 seconds.

Adjust volume:

When the radio is turned on, press the **Vol+** key briefly to gradually increase the volume; Short press the **Vol-** key to gradually decrease the volume and adjust it to the appropriate level.

Select a group (Group call)

Short press menu key to enter the group list, press the   to browse the group:

- Press the exit key to exit the group selection status,
- Press the confirm key to confirm entry into the group.

If you press the PTT key, you can initiate a call to the group (with a red light on), accompanied by a prompt sound and screen display.

Select members (single call)

Short press menu key to enter the member list, and press the   to browse members:

- If you press the exit key, you can exit the member selection status
- Press the confirm key to confirm the selection of the member.

Now you can press the PTT key, a private call can be made to the member (with a red light on) accompanied by a prompt sound and screen display.

Appendix A. – Solving guidance for problems

Phenomena	Solving guidance
Equipment unresponsive	• Low battery level: The battery may have been depleted, please replace the battery or charge it • SIM card malfunction: Check or renew/replace the SIM card • Poor battery contact: Reinstall the battery or clean the battery contact points
Insufficient standby time	• Battery performance degradation: replace the battery or buy one more battery for later use
Charging fault	• Battery performance degradation: replace the battery • Poor connection: Check the connect condition or replace the charging cable • Low battery voltage: Charge for about half an hour, then unplug and recharge again • Battery malfunction: replace the battery • Charger malfunction: replace the charger
Unable to connect to the network	• Signal too weak: Move to open area and retry • Not on server: Confirm that the SIM card has been installed, and the SIM card is in normal use state. Confirm the local telecom operator has a band covering the radio.

NOTE: If the above solutions cannot fix your problems, or you may have some other questions, please contact your dealer for more technical support.

Appendix B. - Technical Specifications

Operation Voltage	DC 3.7 V
Operating temperature	-10°C to 60°C
Frequency Band:	B2/4/5/7/12/13/17/38/41/66
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FCC Statement:

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.

SAR tests are conducted using standard operating positions accepted by FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each product are performed in positions and locations as required by the FCC. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal. To maintain compliance with FCC RF exposure guidelines, hold the transmitter and antenna at least 10mm from your face and speak in a normal voice, with the antenna pointed up and away from the face. The equipment complies with FCC radiation exposure limits set forth for General Population/ Uncontrolled environment. In order to comply with the FCC RF exposure requirement, the antenna installation must comply with the following: Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher Exposure limits.

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.