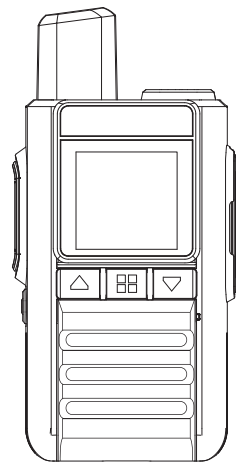
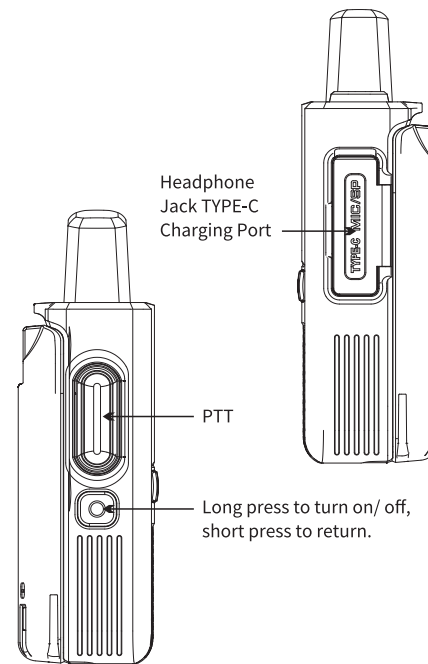
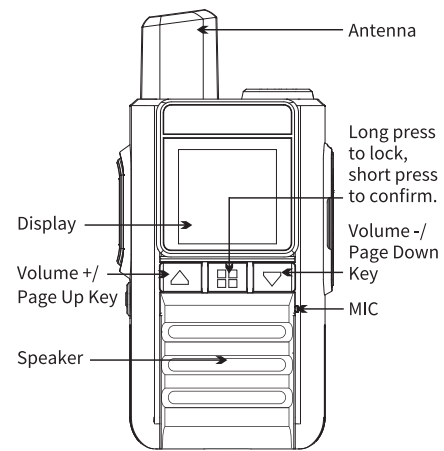


# 4G PoC Radio User's Manual



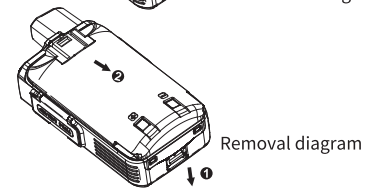
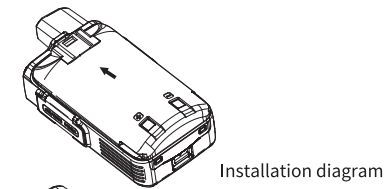
## Product Overview



## Install/Remove the battery

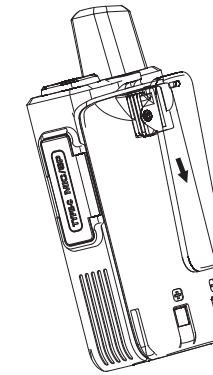
Align the two notches of the battery with the corresponding rails on the aluminum back cover of the walkie-talkie, ensuring that the battery is in full contact with the aluminum cover and parallel to it. Slide the battery along the rails on the back of the walkie-talkie until it locks into place at the battery lock on the base of the walkie-talkie.

To remove the battery, first ensure that the walkie-talkie is turned off. Press down on the battery lock, confirm that the main unit and the battery are in the released state, and then push the battery backward to remove it from the walkie-talkie.



## Attach/Remove Belt Clip

Insert the clip from above the battery and push it down into place.



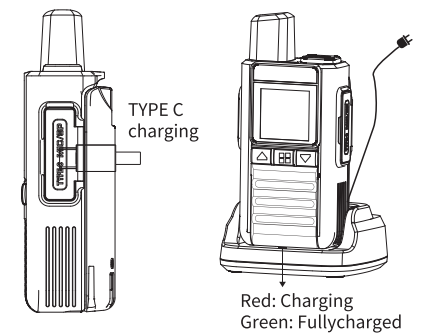
## Charging Method and Safety Precautions

After connecting the charger to the power source, insert the battery and ensure it makes proper contact. The charger's indicator light will turn red, signaling that charging has begun.

Once the battery is fully charged, the charger's indicator light will switch to green. If the temperature exceeds the safe operating range, the battery is damaged, or there is poor contact during charging, the charger's indicator light will not illuminate. Always ensure proper contact between the battery and charger to avoid potential hazards. Do not use the charger if the indicator light fails to function as described.

## TYPE-C Charging

Open the charging cover, plug in the TYPE-C charger, and connect to power to start charging.



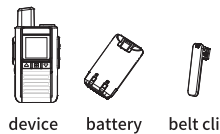
## Main features

Unlimited Range: Nationwide, high-quality audio.  
Low Battery Alert: Voice reminders.  
Call Modes: Group, individual, and friend calls.  
Remote Updates: Over-the-air coding and upgrades.  
PTT Control: Request or preempt speaking rights.

## Unboxing and product inspection

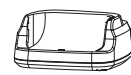
Welcome to using the walkie-talkie. Before use, we recommend carefully opening the packaging box and checking if the items listed in the table below are included. If you notice any loss or damage to the product or its accessories during transportation, please contact the dealer immediately.

### Standard configuration:



device battery belt clip

### Optional:



Desktop Charger

## Install the SIM card

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

### Power on

In the shutdown state, long press the (return/power on/off button). After turning on the device, a voice prompt will be displayed saying 'Welcome to use the public network intercom'. After successfully logging into the platform, the voice prompts: username, group name.

### Adjust the volume

Press the side keys to adjust the volume up and down freely.

### Select group (group call)

There are two ways to select a group:

1. Press the menu button to enter the menu interface, then press the confirm button to enter the "group list", and then press the scroll up/down button to select the desired "group". Press the confirm button to complete the group selection.
2. Rotate the encoding switch on the main interface to freely switch groups.

### Member selection (single call)

There are two ways to select members:

1. Press the menu button to enter the menu interface, then press the up/down button to move the cursor to the "member selection list", and then press the confirm button to enter the "member list". Press the up/down arrow keys to move the cursor to the desired "member", and press the menu key to complete the "member selection". Press PTT for single call. Press the back button to exit the single call.

2. Long press and hold the side keys on the main interface to enter the "Member List", Press the up/down arrow keys to move the cursor to the desired "member", and press the menu key to complete the "member selection" Press PTT to make a single call. Press the back button to exit the single call.

### Friend selection (friends)

Press the menu button to enter the menu interface, then press the up/down button to move the cursor to the "friend selection list", and then press the confirm button to enter the "friend list". Press the up/down arrow keys to move the cursor to the desired "friend" option. Press the menu key to complete the "friend selection". Press PTT for single call. Press the back button to exit the single call.

## Device Operation Guide

### Power On/Off

Press and hold the (Return/Power button) to turn on; press and hold the (Return/Power button) to turn off.

### PTT key

A: In standby (green light blinks), press PTT to call (red light on).  
B: During a call (green light on), hold PTT to speak (red light on). Release PTT to return to standby (green light blinks).

### Page Up Key

Short press to increase volume;  
long press to hear the weather forecast.  
You can scroll up when selecting function options.

### Page Down Key

Short press to decrease volume;  
long press the down key to enter quick search mode.  
You can scroll down when selecting function options.

### Menu/Confirm Key

Short press to enter the menu/confirm the selected function and proceed to the next page;  
long press to lock/unlock the screen.

### Return/Power Button

Short press to return to the previous menu;  
long press to turn off/on the device.

## Device Settings

1. Display Settings  
Sleep Settings: 5S/10S/20S/30S/60S/Never Sleep  
Backlight Settings: 1/2/3/4/5
2. Sound Settings  
PTT Tone: On/Off  
Keypress Tone: On/Off
3. Keyboard Lock: Manual/Automatic
4. Voice Broadcast Settings: On/Off
5. Power Saving Mode: High Efficiency Mode/Power Saving Mode/Ultra Power Saving Mode
6. Signal Strength: Display current signal strength
7. Dual SIM Selection: SIM1 Priority/SIM2 Priority/Auto Mode
8. Battery: Display current battery level
9. System Information: Display current account, platform, card number, IMEI, version number
10. Service Information: Display current network provider
11. Software Update: Upgrade to the latest version
12. Platform Selection
13. Weather Forecast: Broadcast current regional weather conditions
14. Network Selection: 4G
15. IMEI QR Code: Display the device's QR code
16. Group Member Display: On/Off
17. Factory Reset: Restore device to factory settings

## Technical Specifications

Working voltage: 3.7v  
Operation system: RTOS  
Language: custom  
Antenna: Built in, 20\*8mm  
Screen size: 1.44 inches  
Mainboard hardware platform: ASR1603  
External dimensions: 108\*55\*37mm  
Whole machine weight: 163g (including battery)  
Receiving sensitivity: -106dbm  
Max transmission power: 23dBm ±2dBm@Alupbts  
Working temperature range: -20°C+6°C  
Storage temperature range: -20°C+60°C  
Audio output power: 2W@10 distortion  
Earphone line: TYPE-C headphone cable  
Charging method: all-in-one charging/TYPER-C battery charging

■ US Band 2/4/5/7/12/13/17/38/40/41/66

### FCC compliance statement

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 including received interference that may cause undesired operation.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

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.

### RF Exposure Statement:

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 and accessory designated for this product or when used with and accessory that contains no metal. To maintain compliance with FCC RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

