

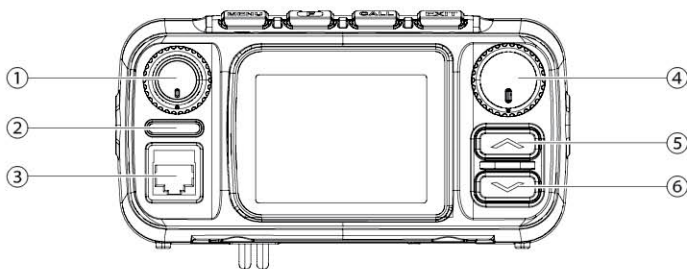
PUBLIC NETWORK MOBILE RADIO



QUICK OPERATION MANUAL

Supports various services of the POC mobile radio, including single call, group call, standby group, group automatic update, PTT call application/preemption/PTT call rights. The user is notified by display and TTS voice broadcast, and the operation is simple and clear.

RADIO OVERVIEW



① **Power / volume key**

In the off state, press and hold for 2 seconds to turn it on.

In normal standby mode, press and hold for 3 seconds to power off.

In normal standby mode, turn left to decrease volume, turn to right to increase volume

② **Indicator light**

③ **Microphone / Program cable interface**

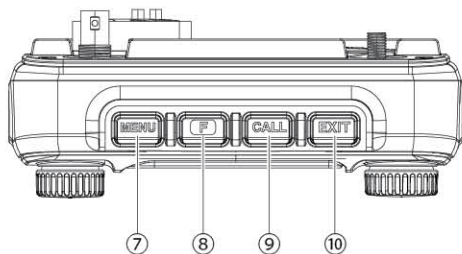
④ **Select / Confirm key**

A: In standby mode, short press to enter the system setting menu.

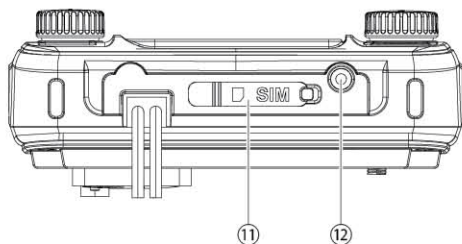
B: In the system setting menu state, turn left and right to select setting options

⑤ **Up button**

⑥ **Down button**



- ⑦ **MENU key**
In standby mode, short press to enter the system setting menu.
- ⑧ **F key**
A: In standby mode, press F key TTS to broadcast the current signal strength.
B: Press and hold in standby mode to switch between SIM card 1 and card 2.
- ⑨ **CALL key**
In the standby mode, press to activate SOS function.
- ⑩ **EXIT: return key**
When entering the menu state, short press to return to the previous menu or exit programming.



- ⑪ **SIM card 1, card 2 insertion port;**
⑫ **External speaker interface;**

INDICATOR DESCRIPTION

| Host Status | Indicator status | Times |
|--|-----------------------------|-----------------------|
| Looking for network status | Green light, quick flashing | 0.2S bright, 0.2S off |
| Waiting state | Green light, slow flashing | 1S bright, 1S off |
| Waiting state (when there is a GPS signal) | Yellow light, slow flashing | 0.3S bright, 0.7S off |
| Initiating a call | Red light | |
| Answer voice status | Green light | |

INSTALL THE USIM CARD

Please prepare a valid USIM card (user identification card) before using this unit. Open the card slot waterproof cover and insert the USIM card into the card holder, paying attention to the direction of the notch.

BASIC DESCRIPTION

- Power on:** In the off state, long press **[Power/volume]** key, it will be turned on, during the boot process. There will be a voice prompt "Beep...Start...Search Network (Green Light Flash)...". After successfully logging in to the network (green light flashes slowly), there will be voice prompts for the current group and members.
- power off:** In the power on state, long press **[Power/volume]** key, until the switch is turned off, it will shut down.
- Adjust the volume:** Turn the **[Power/volume]** key to the appropriate volume when the power is on.
- Select group (group call), single call selection (single call), select friend call:**
 - Group selection:** Select the group you want to enter by rotating **[Select/Confirm]** key or **[Up/Down]** key on the menu page. Press **[Select/Confirm]** to confirm entering the group.
 - Single call selection:** enter the group, display the member list, rotate the **[Select/Confirm]** key or **[Up/Down]** key to select the member, short press **[Select/Confirm]** key to confirm the selection;
 - Select a friend:** Rotate **[Select/Confirm]** key or **[Up/Down]** key on the menu page to select a friend list, press **[Select/Confirm]** key to enter the friend list, and display all the added friends. The operation is the same as the single call selection.
- System setting operation (see menu list for specific options):** Short press the **[MENU]** function key to enter the system menu and operate the corresponding button according to the screen prompts. In this mode, if it is not operated for more than 15 seconds, it will automatically exit the selection mode, or short press **[EXIT]** to exit or return to the default group mode standby.
- GPS:** After the platform is set, you can reboot and log in, only support GPS models.

TROUBLESHOOTING

If your walkie-talkie has the following phenomenon during use, please check the info below.

| Problem | Phenomenon | Solution |
|--|--|---|
| Poor signal reception | The current location network signal is weak, such as the basement or close to the building, so that the radio waves can not be effectively transmitted, or the network traffic is high during the busy hours of the network, causing the network busy line to be unable to talk. | 1. Please move to a location that can receive the network well. 2. Please avoid using it in a similar time period or try again later. |
| Intermittent call or delay | The base station handover or poor wireless signal causes the network operator's network trunk line to be bad. | After powering off and restarting, you can automatically search for the base station to switch to a better quality network. |
| Unable to connect to the network | The USIM card is invalid or has poor contact, bad signal, network connection timeout or you are not in the network service area. | Switch to a valid USIM card or try again in a relatively empty location. If you are in a building, move to the window and try again or unplug the SIM card. |
| The knob switch is on, but the machine is off. | The shutdown interval is too short, this phenomenon will occur. | Turn off the rotary switch and turn it on again. |

MENU PROGRAMMING SETTINGS OPERATION OPTIONS

| | | | |
|---|------------------|----|--------------|
| 1 | Background Light | 7 | SIM Set |
| 2 | Brightness | 8 | Call Quality |
| 3 | Network | 9 | Tone Prompt |
| 4 | About Device | 10 | Record Set |
| 5 | UTC Set | 11 | Play Record |
| 6 | Speech Set | 12 | Exit |

BRIEF TECHNICAL INDICATORS

| Type | Parameter Item | Specification |
|---------------------|--------------------------|--|
| Operator System | Linux | |
| RF Parameter | LTE/4G | Band: B1/B2/B3/B4/B5/B7/B8/B12/B20/B38/B39/B40/B41 |
| | WCDMA | Band 1: 2100M; Band 2: 1900M Band 5: 850M; Band 8: 900M |
| | GSM | GSM/GPRS: 850/900/1800/1900MHz |
| | Receiving Sensitivity | LTE/4G: $\leq -100\text{dBm}$ |
| | | WCDMA 900: $\leq -110\text{dBm}$ |
| | | WCDMA 2100: $\leq -110\text{dBm}$ |
| | | GSM850/900/1800/1900: $\leq -109\text{dBm}$ |
| Audio Output Power | 1W | Distortion $< 10\%$ |
| Voltage | 12-24V/DC | |
| GPS | GPS | GPS Positioning, Support A-GPS function |
| | Sensitivity | GPS L1 Band: 1.57542GHz |
| | | GLONASS Band: 1597.5-1605.8MHz |
| | | BeiDou: 1559.05-1563.8MHz |
| | | Catch-144dBm, Track-159dBm |
| | | GSM CS: UL 9.6kpbs/DL 9.6kpbs |
| Technology Standard | Data Speed Rate | EDGE: Multi-slot Class 12 |
| | | WCDMA CS: UL 64kpbs/DL 64kpbs |
| | | WCDMA PS: UL 384kpbs/DL 384kpbs |
| | Protocol | HSDPA/WCDMA/EDGE/GPRS/GSM |
| Basic Information | Working Current | Require 7.4V-240V Power Supply (Notice that 5V Power Band NOT work) |
| | Working Temperature | -20~50°C |
| Display | Color display | 2.8 inch |
| Dimension | 153mm(L)*78mm(W)*45mm(H) | |
| Weight | 570g | |
| Sim card type | Normal sim card | |