

POC Two Way Radio

# USER MANUAL

## Q-3588S

IP68 protection level

Front and rear dual high-definition cameras

2.4 inch high-definition touch screen

Clear and loud voice

Android system is compatible with multiple APP

Bluetooth, WIFI, GPS

## Preface

Thank you for purchasing this product. To derive optimum performance from the product. Please carefully read this manual before use.

## Instructions

- The use of the product is subject to the laws and regulations of the countries or regions in which it is used.
- You can only use the original accessories or approved by the manufacturer. Any unapproved accessories may affect the performance of the radio, violate the warranty terms of the radio and the relevant provisions of the national communication terminal products, or even cause personal harm.
- Only by qualified technicians for maintenance.
- Do not charge the radio and battery when they are damp.

## Packing List

Please unpack carefully and check that all items listed below are received. If any item is missing or damaged, please contact your dealer.

No.	Items	QTY.
1	Radio	1
2	Battery	1
3	Antenna	1
4	Belt Clip	1
5	Screws	2
6	Adapter	1
7	Charger cup	1
8	User Manual	1

## Battery Information

- The battery pack is not fully charged when purchased, please charge before the first usage.
- Do not short circuit the battery to avoid damaging the battery, generating heat and causing a fire.
- Do not place the battery at a high temperature area or throw it into a fire to avoid an explosion.
- If the battery is not used for a while, discharge it and store it in dry, dark and cool place.
- Stop using the battery and cradle when it is damaged or significantly aged.
- Return the used batteries to the supplier or to the designated collection point, do not dispose indiscriminately.

If the battery is damaged, avoid touching the contents. If it gets contaminated with the skin, rinse it with plenty of water. If necessary, ask for medical advice.

## Charger Information

- To improve charging efficiency and ensure charging safety, please use 100-240V AC.
- Do not short-circuit the charger, or it would cause electric shock, smog, and damage to the charger.
- Do not use the charger when the cable is damaged, or it may cause fire and electric shock.
- Please clean the dust accumulated on the power outlet over time.
- Do not disassemble or modify the charger. It may cause electric shock, fire or damage to the charger.
- Do not use the charger in places with high temperatures or it may cause electric shock, fire or damage to the charger.
- Do not touch the charger, battery, or power outlet with wet hands, or it would cause

electric shock.

- Do not place heavy objects on the power cable, or attempt to modify the power cable, otherwise, it may cause electric shock or fire.
- Unplug the power plug from the socket before cleaning and maintenance. Hold the charger when pulling the plug. Rough handling of the power cable could damage it and may cause electric shock or fire when in use.

## Charging the Battery

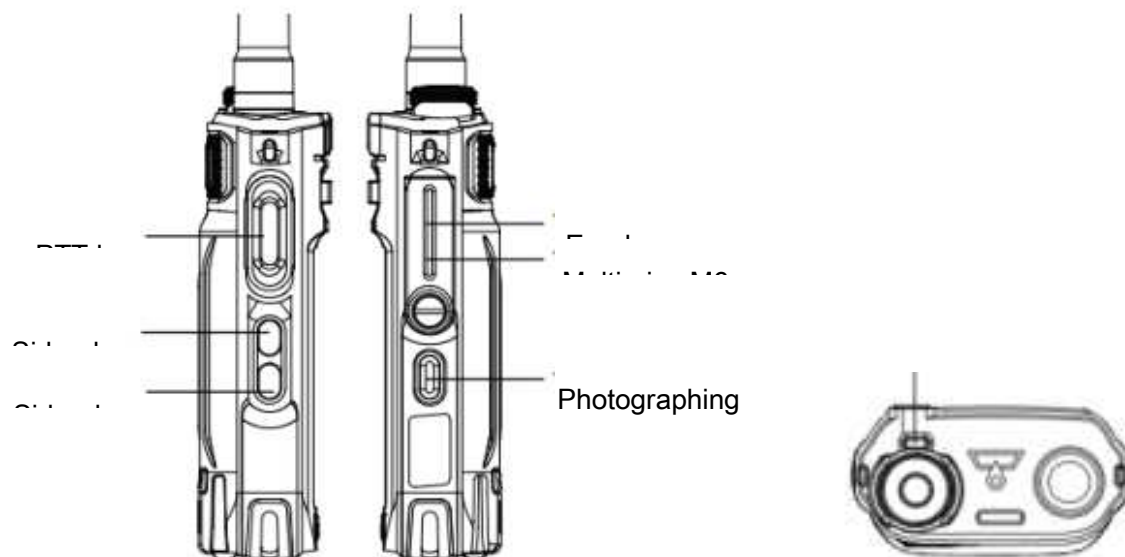
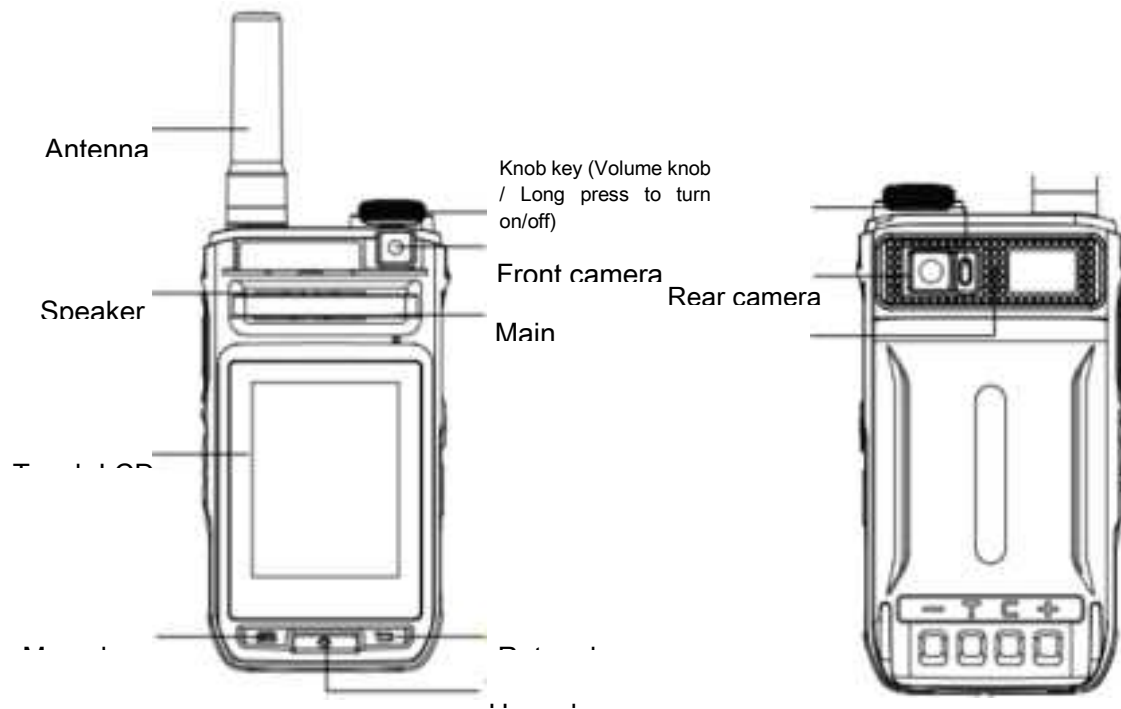
Charge the battery with the specified charger and charge the battery as follows:

1. Insert the Type-C plug of the adapter into the Type-C jack on the rear side of the charger cup.
2. Connect the adapter to the AC power output socket. You can see that the charger cup indicator (LED) turns red, indicating that the power supply is normally connected; when the charger cup indicator (LED) turns from red to green light, it means fully charged (The battery capacity is above 90%).
3. After finish charging, remove the adapter from the power outlet.  
(In order not to affect normal charging, please turn off the radio when charging.)



# Product Overview

## Product Layout



Items	Function
1. Antenna	
2. Speaker	
3. Touch display screen	
4. Menu key	Short press to enter settings, long press to define video capture
5. Knob key (Volume knob / Long press to turn on/off)	Long press 3s to turn on/off Left Turn Volume+ Right Turn Volume- Short press to on/off screen
6. Front camera	
7. Main microphone	
8. Return key	Short press to return previous menu, but it is noting in main interface. Long press to send SOS. Short press to exit the temporary group during temporary mode.
9. HOME KEY	Return to main interface
10. Status indicator LED	
11. Flash lamp	
12. Rear camera	
13. Sub microphone	
14. PTT key	Long press to call. during temporary mode, short press to confirm entering temporary group.
15. Side key 1	Short press to broadcast the current group and enter the group list, long press to broadcast the current account name and current remaining battery
16. Side key 2	Short press to enter the single call list (friend list), long press to define video upload
17. Earphone jack interface	
18. Touch pin M6 interface	Used to connect PC, charging, and headphone.
19. Photographing key	Short press to make a photo, long press to make a camera.
20. SIM and TF card slot	The position to install the SIM card and TF card

## Installation and Operation

### Attaching the SIM cards

This radio can support one SIM card and TF card. Before using the radio to call, please install one effective and correct SIM card to radio. For details, please contact the local dealer.

1. Remove the battery from radio first.
2. You will find 2 slots lie alongside on the middle of chassis. SIM card is on the left side.
3. Open the iron mount on SIM card slot, and put the SIM Card into slot corresponding the icon direction.
4. Close the iron mount and lock it fixed.



#### Note:

- Please turn off the radio before inserting or removing the SIM card.
- Avoid touching the metallic area of the SIM card to prevent loss and damage to the information in the card and place it away from electromagnetic fields.

### Install / Remove the Battery

#### 1. Install the battery

- 1.1 Hold the battery and align the bottom of the battery against the bottom of the radio.
- 1.2 Push the battery downward until the battery is locked.

#### 2. Remove the battery

- 2.1 To remove the battery pack, push the battery latch-up.
- 2.2 When the battery is released from the terminal, remove the battery.



### **Attaching the plastic holster clip**

1. Align the bottom of the radio and insert it into the groove at the bottom of the holster clip. Then press and hold the fastener of holster clip and push it into the top slot of the radio to lock it.
2. Push the fastener of holster clip away from the radio, and take out the clip.

### **Attaching the Antenna**

1. Put the antenna on the antenna connector.
2. Rotate the antenna clockwise till hand tight.



### **Caution**

Do not hold the radio by the antenna and swing it. This may affect the antenna performance and shorten the life span of the antenna.

## **6. Attaching the Audio Accessory**

Open the cover of the audio accessory connector and insert the audio accessory into the connector. And tighten the screws that come with the interface to prevent it from falling.








To ensure optimum waterproof and dust-proof performance, close the cover after removing the audio accessory.





## Status Indication

### 1. To know the LCD icons:

Icon	Radio Status
	The battery level indicator.
	Indicates the signal strength of the cellular network.
	No SIM card is detected.
	Indicates the signal strength of the WIFI network.
	The Bluetooth feature is enabled.
	The positioning feature is enabled.
	Video Upload feature is on.

### 2. Checking LED Indications

LED Indicator	Items	Terminal Status
Three states: <ul style="list-style-type: none"> <li>● Quick flash (1 second once),</li> <li>● Slow flash (every 3 Seconds once),</li> <li>● Long glow</li> </ul>	Power on status	Power on: press the power on key, the emerald green light will stay on for 5 seconds and then go out, enter the power on screen, and then the power on animation, at this time, the red light will stay on for 15-20 seconds to enter the standby interface;
	Network status indication	The red light flashes quickly: 1 SIM card is not activated or arrearage, the terminal cannot register to the wireless network; 2 The quality of the wireless network is very poor, the terminal cannot register;
		The red light glows: 1.The SIM card is not installed or the SIM card is installed incorrectly, and the voice prompt "Mobile phone card reading failed"; 2.The device is not configured to be added on the service server. 3.Device has been added, group selector knob group mapping was not successful; 4.SIM card PIN code failed to be unlocked,

		voice prompt "PIN code error"; 5. When transmitting, glow red light.
		Green light quick flash: Registering network status; The green light flashes slowly: the network has been successfully registered and entered the standby state;
	Call status	Single call / Group call / Temporary group: Green light glow.
	Battery capacity Indicator	1. Low power (less than 15%): the red light flashes slowly. 2. Charging: the red light is on. 3. Fully charged (higher than 90%): green light flashes slowly. 4. Standby: green light flashes slowly.

## Basic Operation

### Power on/off

1. Press the Knob key for 3 seconds to turn on the power;
2. When the screen is on, press the button for 3 seconds to pop up a prompt box, and touch to select power off or restart.

### Adjust volume

When the screen is lit, rotate the Knob key to adjust the volume. The volume increases in the clockwise direction and decreases in the counterclockwise direction. When adjusting the volume, a prompt box for volume adjustment will pop up on the screen. Click V to expand the prompt box to adjust the call volume, ringing tones or alarm clocks.

**Note:** You can also click , select "Sound" to adjust the volume.

### Off screen/On screen

When the screen is on, press the Knob key briefly to turn off screen, or the radio will automatically go off after being idle for a period of time. Similarly, press the Knob key briefly to wake up the screen when the screen is off.

### User Guide for Lisheng-PTT APP

1. When the screen is lit, briefly press the Side key 1 to broadcast the current group and enter the group list, slide up or down to select the previous group or the next group, click the selected group to enter the member list, slide up or down to find the members of the group, and then click to select or cancel the members. If the members

are selected at this time, press PTT key to enter the temporary group call, and then press PTT key to call to the members. After the calling, press the Return key to enter the original group watching. Long press the Side key 1 to broadcast the name of the current account and the current remaining power.

2. When the screen is lit, press Side key 2 briefly to enter the friends list. Long press to start video upload, and long press again to end video upload;

3. Short press the Menu key to enter the settings, and you can view or set the network and Internet, associated devices, applications and notifications, batteries, display, sound, storage, security and location information, users and accounts, accessibility, and Google system.

4. Press the Return key briefly to return to the previous menu. Long press to send SOS.

5. Press the Photographing key briefly to enter the photographing interface, and press the Photographing key again to take a picture. Long press to start video capturing, and long press again to end video capturing.

6. Click or short press the Side key 1 to enter the APP interface.

## **Control center**

In the main screen interface, slide down from the status bar to open the control center. Slide left and right to expand and display all shortcut switches. You can quickly adjust the screen brightness, turn the shortcut switch on or off, view or clear notifications, etc.

## **Connect to the network**

### **1. Mobile network**


Before starting the data service, please confirm that the SIM card has successfully registered with the operator network. When you do not need to use the mobile network, please turn off the mobile data network in time to save data traffic and extend standby time.


To enable / disable mobile data, you can:

Slide down from the status bar to expand all shortcut switches, and click the "Move Data" switch.

### **2. WLAN connection**

2.1 Slide down from the status bar to expand all shortcut switches, and click the "WLAN" switch. Select and connect a network in the wireless network list.

2.2 Click , select "Network and Internet>WLAN" and turn on the WLAN switch. Select and connect a network in the wireless network list.

If the display  near to the wireless network, input your network password, and then select Connect. When the device successfully connects to a wireless network, it will automatically save the network. In the "WLAN" interface, click "Saved Network" to view, add and cancel saving records.


**Note:** In the "WLAN" interface, select "WLAN Preferences>Open Network Notification", and the device will automatically notify when it detects a wireless network.

## Common functions

You can operate the phone, address book, SMS, camera, picture library, file, etc.

**Note:** Refer to the mobile phone operation mode, and the usage mode is not described.

## Settings


Click , you can view or set the network and Internet, associated devices, applications and notifications, batteries, displays, sounds, storage, security and location information, users and accounts, accessibility, and Google system.

**Note:** Refer to the mobile phone operation way, and the usage way is not described.

## Share data

### 1. Bluetooth connection

1.1 Slide down from the status bar to expand all shortcut switches, and click the "Bluetooth" switch. Click the list of paired devices, and select the available Bluetooth devices from the list to connect.

1.2 Click , select "Associated devices>Bluetooth>On", and turn on the Bluetooth switch. Click "Pair with new device", and the device will start automatic detection. From the list of available devices, click Bluetooth devices and select Pairing.

If your "open detection" is set to ON, the other devices can also search your Bluetooth device.

## Safety Precautions

When using this radio, please hold the Device in a correct position as if using a lined telephone. Talk through the microphone and make sure the Device is at an appropriate distance away from your body. Some people may be prone to seizures or dizziness under flashing lights (Such as watching TV). If you have a similar medical history of illness, consult your doctor before using the flash function. Keep the device away from children.

## Road safety warnings and precautions

Please follow the relevant traffic safety regulations when driving.

## Medical Equipment

Care should be taken when using radio next to certain medical devices such as pacemakers. Keep a distance of at least 20cm between the radio and these medical devices; do not put the radio in your chest pocket. Hold BBGR to the ear at the

opposite side of the body where the pacemaker is implanted to reduce potential interference. If necessary, please turn off the radio. If you have any other question, please consult the medical equipment manufacture before using. Some digital radios may interfere with certain hearing aids. If these disturbances occur, contact the hearing aid manufacture for a solution. If you have any other medical equipment (such as implanted cochlea), consult with the manufacturer to ensure that these devices can shield the surrounding RF signals.

In places with special requirements such as hospitals or recuperation, please pay attention to the restrictions on the use of radios. If necessary, please turn off the radio.

## **Your Radio**

For best performance, please use original accessories as specified by the factory. Use of any unapproved accessories may affect the radio performance and violate the warranty terms and the relevant national regulations on communication products and may even cause personal injury.

Turn off the devices when cleaning and use a clean Anti-static cloth. Do not use any chemical such as detergent to clean the surface of the device. As the device will generate an electromagnetic field, do not place it near storage media, such as a hard disk.

## **FCC Warning:**

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.

SAR tests are conducted using standard operation positions accepted by the FCC with the phone 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 phone while operating can be well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to public, it must be tested and certified to the FCC that does not exceed the exposure limit established by the FCC. Tests for each phone are performed in positions and locations (e.g. at the front face or worn on the body) as required by the FCC.

The device complies with FCC RF exposure guidelines when the device is used at 25mm from your front face and 10mm from your body (Without a back clip) and 0mm from your body (With back clip).

The accessories worn on the body do not contain metal and have been verified.

Non-compliance with the above restrictions may result in violations of RF exposure guidelines.