PoC Radio User Manual

Safety Matters

Please read the rules below. Nonobservance of these rules may cause danger or violation of law.

· The use of this radio must comply with regulations of local government.
· Turn off the radio before you enter places of potentially explosive or flammable environment.
· Do not replace or charge battery pack in places of potentially explosive or flammable environment.
· Turn off the radio before you approach blast area and detonator area.
· Do not use the damaged antenna which may cause a minor burn on skin.
· Only qualified technicians are allowed to maintain this two-way radio. Do not disassemble the radio by yourself.
· To avoid problems caused by electromagnetic interference or electromagnetic compatibility, please turn off the radio in places with "Wireless Communication Transmit Equipment Prohibited" mark, such as hospitals or other health care places. When taking a plane, turn off the radio if required.
· In a car with an air bag, do not place the radio within possibly involved area when air bag inflates.
· Do not expose the radio to direct sunlight or near heating devices for a long time.
· Keep the radio vertical and speak near the microphone during transmitting.
· Make sure that the antenna is 2.5 cm away from the body during transmitting if you wear the radio on your body.

Product Inspection

Thanks for using HQT PoC radio. Before use, we recommend that:
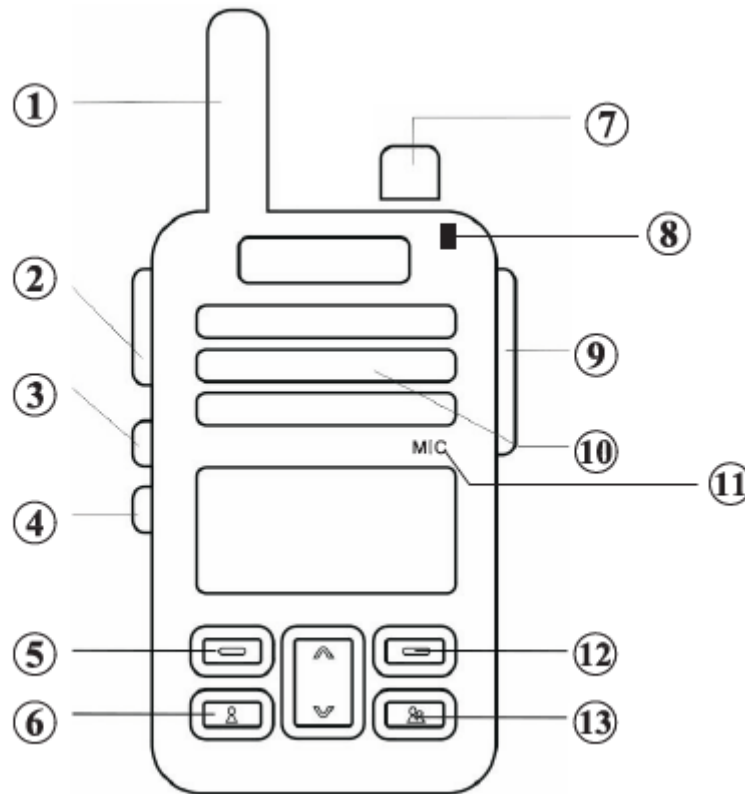First check the package for any signs of damage;
Carefully open the package and identify the items listed below;
If any item is missing or damaged during shipment, please contact your dealer.

Item List

Item	Quantity	Item	Quantity
Main Unit	1	Belt Clip	1
Antenna	1	User Manual	1
Battery	1	USB Charging Cable	1
Hand Strap	1	USB Power Adapter	1

Product Overview

Radio Schematic Diagram

1. Antenna: To receive and transmit signals with helical connector

2. PTT Button▤: Hold down PTT button to transmit; release PTT button to standby

3. Programmable Key⊡: Short Press: battery power/user query; Long Press: to select members

4. Programmable Key⊡: Short Press: group/ number of online member query; Long Press: group selection mode

5. Menu

6. Emergency Contact

7. Power On-Off/Volume Control Knob: To turn on/off the radio and adjust the volume

8. LED Indicator: LED glows red when transmitting, flashes green slowly when standing by, and glows green when receiving.

9. Earphone Jack

10. Speaker

11. Microphone

12. Cancel/ Back

13. Emergency Group

LED Indicator	Radio Status
LED flashes green slowly	Group standby mode
LED flashes green rapidly	Weak/ No network signal
LED flashes orange slowly	Private Call mode (standing by)
LED glows red	Transmitting
LED glows green	Receiving

Features

1. Turning the Radio On/ Off

Rotate the "Power On-Off/ Volume Control Knob" clockwise to turn on the radio. Rotate it counter-clockwise to adjust the volume or turn off the radio (There is prompt when the radio is powering off).

2. Making a Call

Hold down the PTT button [≡] to enter call mode and the LED glows red; release it to enter standby mode.

3. Standing By and Receiving

It indicates the radio network connection is normal and the radio is in standby mode when the LED flashes green slowly.

It indicates the radio network connection is abnormal or there is no network signal when the LED flashes green rapidly.

It indicates the radio is in receiving mode when the LED glows green.

It indicates the radio is in private call standby mode when the LED flashes orange slowly.

4. Private Call (Cross-group/ Intragroup Private Call)

Long press the [••] key to enter "Member Selection" mode, and select the desired member by

rotating the Selector Knob (or pressing the [••] key and [▬] key). Press PTT button [≡] to

enter "Private Call Mode" and hold down [≡] button to call the selected member.

Exit "Private Call Mode" by pressing the [••] key and [▬] key (or rotating the Selector Knob)

after the private call is finished.

Note: "Cross-group Private Call" or "Intragroup Private Call" permission can be set via the User Management Platform.

5. Selecting a Group

Long press the ⬛ key to enter "Group Selection Mode" and select a group by rotating the

Selector Knob (or pressing the ⬛⬛ key and ⬛ key), press PTT button 🔲 to confirm and

enter the selected group.

6. Programmable Key Control

Long press the ⬛ key to turn on the radio and release it when LED glows red, this enables

to lock and unlock the Selector Knob.

Long press the ⬛⬛ key to turn on the radio and release it when LED glows red, this enables to

turn on/ off Call Start/ End Tone.

7. Network Settings (Only applicable to E series)

To switch network between 2G and 3G, press the 🔲 button when the radio is turned off and
turn on the radio, release the 🔲 button when a sound of "du" is heard.
Press the "Menu" key and select "Network Settings" to switch network among 2G, 3G and Auto,
it indicates 2G/ 3G network auto switch when "Auto" is selected and "AT" is displayed on the
top left corner of the screen.

8. Status Query

Press the ⬛⬛ key in standby mode, there would be voice prompts of battery power/ device

name/ network.

Press the ⬛ key in standby mode, there would be voice prompts of current group/ number of

online member.

9. Setting an Emergency Contact

Press the "Menu" key and select "Select Member", press the "Menu" key to enter and select a

member by pressing the "∧" and "∨" keys. Long press the 🔲 key for 2 seconds after

selecting the desired member, and it means the emergency contact is set successfully when
there is corresponding voice prompts.
Exit emergency contact call by pressing any key except the 🔲 button.

10. Setting an Emergency Group

Press the "Menu" key and select "Select Group", press the "Menu" key to enter and select a
group by pressing the "∧" and "∨" keys. Long press the 🔲 key for 2 seconds after
selecting the desired group, and it means the emergency group is set successfully when there
is corresponding voice prompts.
Exit the call by pressing any key except the 🔲 button.

11. Emergency Contact/ Emergency Group Query

Press the [icon] or [icon] key in standby mode to check the current Emergency Contact or Emergency Group.

If no Emergency Contact or Emergency Group is set, there would be corresponding voice prompts of "Emergency Contact Not Set" or "Emergency Group Not Set".

12. Calling/ Exiting the Emergency Contact/ Emergency Group

Long press the [icon] or [icon] key in standby mode to transmit a call, and exit the call by pressing any key except the [icon] button when the call is finished.

13. Icons and Description

Icon	Description	Icon	Description
📶	Signal Strength	▦	Menu Indication
🔋	Battery Power	◁	Signal Strength
⏳	Parameter Settings	◁	Signal Strength
🔇	Mute	2G	CDMA 2G Network
📵	TX Disable	3G	CDMA 3G Network
👤	Member	4G	CDMA 4G Network
👥	Group	W3	WCDMA 3G Network

User Management Platform

Login User Management Platform

1. Input URL: http://user.hqtpoc.com to enter the login page of the User Management Platform as below:
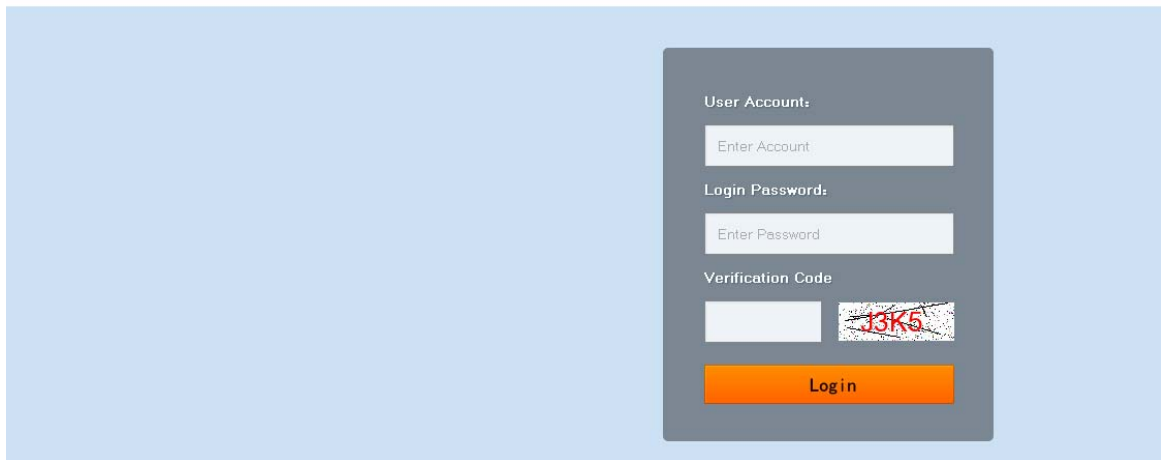
2. Enter the User Account and Login Password your dealer offers and Verification Code to log in.
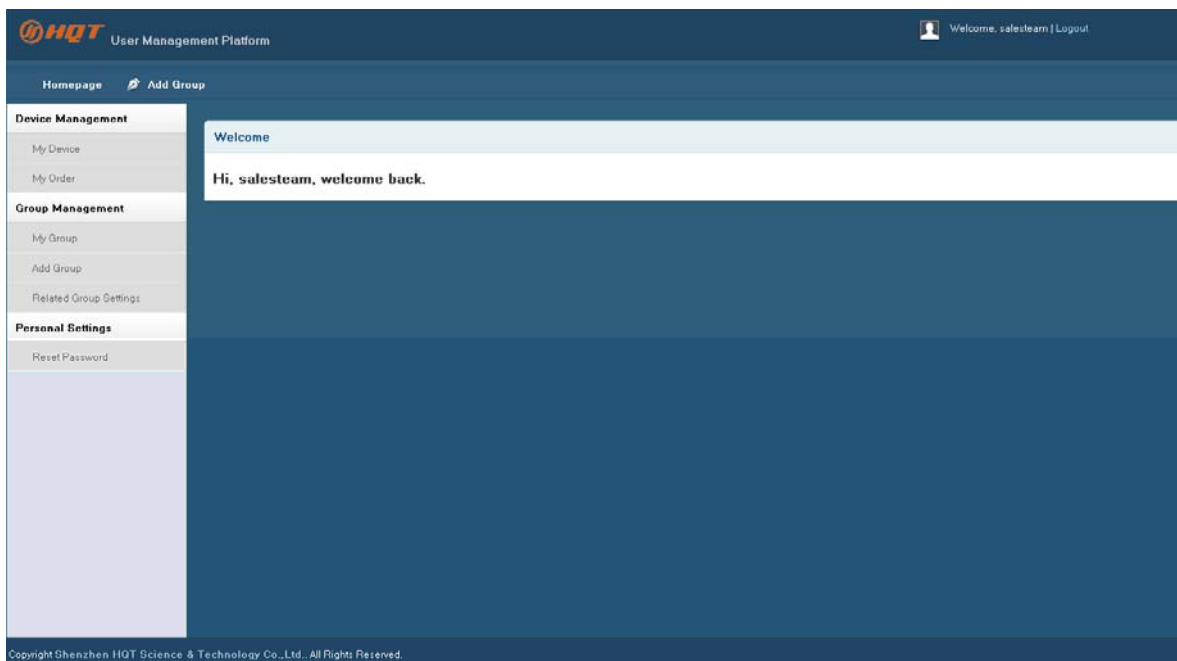
Functions of User Management Platform

Device Management
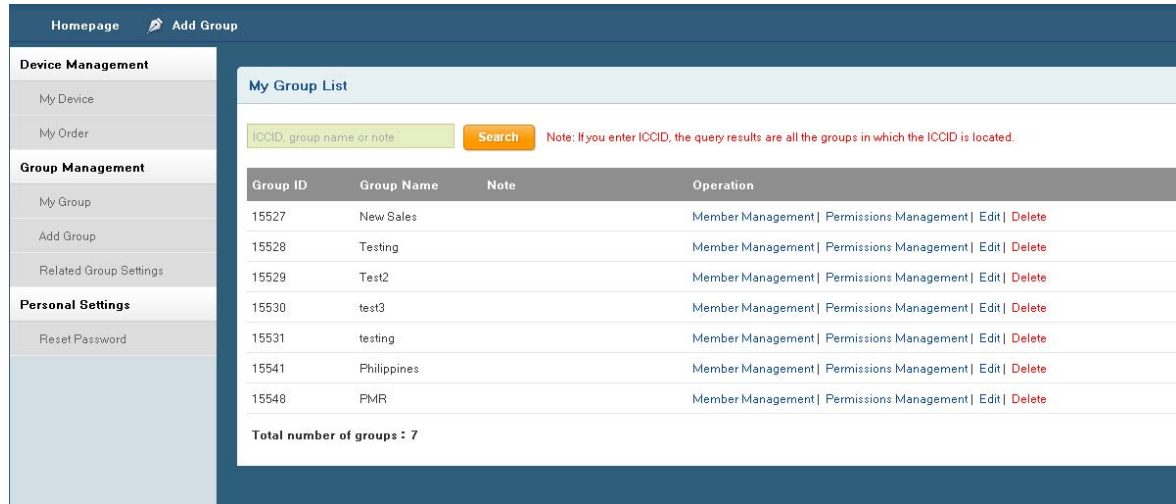
1. My Device: To check the user's Device ICCID, Device Name, Status, Online/ Offline, Creation Date, Payment Status, Expiration Date and Operation (Disable/ Delete the device).

2. My Order: When you need to do the payment, you can click the ICCID to select the device (Several devices can be selected at the same time) in Device List of "My Device", and click the "Go pay" button to create the order. System would display "Order created", and the order can be checked in "My Order", then you can request your dealer to pay it for you.

Group Management

My Group

In "My Group", current group and its "Group ID", "Group Name", "Note" and "Operation (Member Management, Permissions Management, Edit and Delete）" can be checked.

1. Member Management: To add or delete members in the selected group of the user.

2. Permissions Management: To set permissions of the devices in the selected group of the user.

Low/ High TX Priority: When High TX Priority is enabled, you can press the PTT button to interrupt the transmitter while your radio is receiving, and you can transmit while the transmitter would be automatically switched to receiver (The prerequisite is that the transmitter has low TX priority).

TX Disable/ Enable: To set whether the user can transmit or not in the group, the radio can only receive if it is TX disabled.

GPS: To set whether to turn on GPS in the group if the radio has GPS positioning function (It will cause consumption of battery power when GPS is enabled).

Private Call: To set whether to allow users to transmit a private call in the group. Users can select another one to do one-to-one conversation in the group when Private Call is enabled. In Private Call mode, no Group Call can be received and users can manually exit Private Call mode by pressing any key except the PTT button.

3. Edit: To edit group name and note.

4. Delete: To delete the selected group.

Add Group

Enter new "Group Name" and "Note" and submit, and system would indicate the group is added successfully.

Personal Settings

Reset Password

FCC RF Exposure Information and Statement

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Two way radio (FCC ID: P6NGH-555LTE) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on‑line at http://www.fcc.gov/oet/ea/fccid/. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body and 25 mm front of face. To maintain compliance with FCC RF exposure requirements, use accessories should maintain a separation distance between the user's bodies mentioned above, the use of belt clips, holsters and similar accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC Warning

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:

1. RF energy will be generated only when the radio is transmitting.

2. The EUT must be 2.5cm away from human face when transmitting. The belt clip can be removable only when install a SIM card. With body worn SAR, the typical use of the products is with the belt clip, and the belt clip is not to remove.

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