

Tip: Please use our standard adaptor to charge the radio to avoid damaged

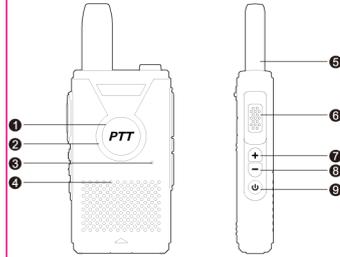
# User's Manual

# R Mini Radio

## Basic Information

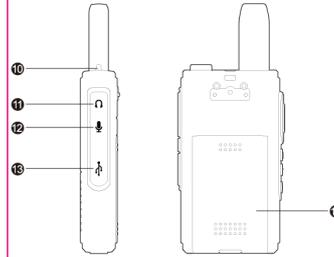
### Parts list

RadioX1, BatteryX1, AdaptorX1, Belt ClipX1, USB cableX1, Hand-StrapX1, User's ManualX1



### Basic Parameter

Size:130x52x14  
Weight:80g  
Channels:16  
Operating Voltage:3.3-4.2V DC  
Working Temperature:-20°C~+50°C



- ① PTT
- ② Light
- ③ Mic
- ④ Speaker
- ⑤ Antenna
- ⑥ Side key PTT
- ⑦ Channel +
- ⑧ Channel -
- ⑨ Power on/off Switch
- ⑩ Volume Switch
- ⑪ Earphone Interface
- ⑫ Microphone Interface
- ⑬ USB Interface
- ⑭ Battery

## Indicator

Green light flashes when radio is receiving. Red light flashes when radio is transmitting.

## Channel Switch

Choosing desired channel to communication from 1-16. When the UP button is pressed, the channel rises. When the DOWN button is pressed, the channel drops and the channel loops.

## Power Switch

Press the power switch key about 2 seconds to turn on the radio. When the radio needs to turn off, press the power switch key about 2 seconds to turn off.

## PPT

The radio has two PTT switches on the side and the front. Press PPT and face to microphone to communicate with the others. Red light flashes. Release PTT to receive and the green light flashes.

## Monitor

Long press channel UP key can turn on the receiving and monitor function for a long time, and then press it to turn off the monitor function.

## Squelch level

The purpose of the squelch is to mute the speaker when no signals are present: Lower squelch level, high background noise hear, longer communication range, weaker the anti-interference.

Default squelch level is 5 and can be programmed level 0-9 by PC.

Level 0 is to open the squelch. The higher the selected squelch level, the stronger the signals must be when receiving.

## TOT

This function can prevent users occupied the present channel for long time and limit TX time, meanwhile prevent radio from damage by long time transmitting. If radio continue TX over the limit time (set by the programming software), radio will quit TX and sounds a warning sound. To stop warning sound, release the PTT, radio will back to the receiving state. When TX over time, through the bell to carry out early warning in advance(setting by program software).

## Scan

When the radio enters 16 channels, it enters the scanning function automatically.

## CTCSS

Check the Hopping option of program, CTCSS can become into Non-standard TONE, increasing voice privacy.

## Voice Power

Please choose the desired language by PC program software.

## Power Saving Function

Please select to active or disable the power save function by PC program software.

## Battery Voltage Alert

When the battery voltage is lower than a certain level, the voice will sound "please charge", and prohibit transmitting.

## Busy Channel Lockout

If radio programmed with BCLO, pressing PTT to prohibit TX after receiving the signal.

## High /Low Power Switch

Radio default setting is high power. You can switch high/low power by PC programming software.

## Wide/Narrow Band Selection (25.0KHZ/12.5KHZ)

Radio default setting is wide band. You can select wide/narrow band by PC programming software.

## VOX

Enable or disable VOX by PC programming software. When your radio turn on the VOX function, talking to the microphone, then voice will be sent out; Stop talking, then radio will be in receiving state. when you use the earphone, need to adjust the VOX level in an appropriate level. If the microphone is too sensitive, the noise will activate transmitting; if the microphone is not sensitive enough, your voice will not activate transmitting. In order to communicate successfully, please adjust the appropriate level.

## Scrambler

Enable or disable the scrambler by PC programming software. Scrambler function is one of encryption way. It through the spectrum to complete the purpose of changing the transmission spectrum and receiving the signal to restore, so as to achieve encryption effect.

## QT/DQT

You can set the CTCSS/DCS by PC programming software. When the channels are set the CTCSS/

DCS, squelch can be turn on when received a signal with the same CTCSS/DCS. If the same channel uses a different QT/DQT, the squelch can not be turned on and the light will be green.

- QT:(total 50 )
- DQT:(total 104 \*2 )

## Charging Indicator

The charger is charged by Android data line. When charging, the indicator light is red.

## 19-Channel Locking Function

Long press the channel DOWN key to hear the "beep" twice, then the channel is locked in the currently set channel. Long press the channel "DOWN" key to unlock the channel after hearing the sound of "di," and the channel switch can operate normally.

## Troubleshooting

Symptom	Try This
No power	<ul style="list-style-type: none"> <li>• The battery maybe run out please renew it or recharge it.</li> <li>• The battery may not be properly installed. Please take it off and re-install.</li> </ul>
Battery lasts a short time after charge	<ul style="list-style-type: none"> <li>• The battery life is over, please replace new battery.</li> </ul>
Unable to speak to other members in the group	<ul style="list-style-type: none"> <li>• Verify the frequency and QT/DQT settings you are using is the same with other members in the group.</li> <li>• Verify transmitting is within effective operating range.</li> </ul>
Hearing other conversation on a channel (not group members)	<ul style="list-style-type: none"> <li>• Please change the QT/DQT settings of all radio in this group.</li> </ul>
Radio continue squeak	<ul style="list-style-type: none"> <li>• Radio channel is empty channel, please switch to other channel or write frequency point before use.</li> </ul>

## Warranty Card

Contact : \_\_\_\_\_  
Company Name: \_\_\_\_\_  
ADD: \_\_\_\_\_  
Warranty Card No.: \_\_\_\_\_ Post Code: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mob.: \_\_\_\_\_  
Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
Ordered : \_\_\_\_\_ Model: \_\_\_\_\_  
Ordered No.: \_\_\_\_\_ Purchased Date: \_\_\_\_\_  
(S/N): \_\_\_\_\_ (EAN): \_\_\_\_\_  
Trouble Description: \_\_\_\_\_  
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