



# TH-510

## IP Trunking Radio

### USER'S MANUAL

As a result of technical improvements, the functions are subject to change without notice

ANY DISTANCE, ANYWHERE

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## Checking Equipment

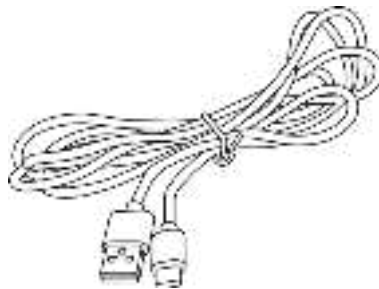
Carefully unpack the radio. We recommend that you identify the items listed in the following table before discarding the packing material. If any items are missing or have been damaged during shipment, file a claim with the carrier immediately.

### ACCESSORIES

ITEM	QUANTITY
Antenna	1
Charging Cable	1
Adapter	1
Li-ion Battery	1
Belt Clip	1
User's Manual	1



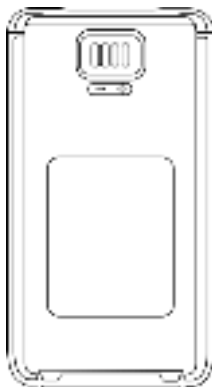
Antenna



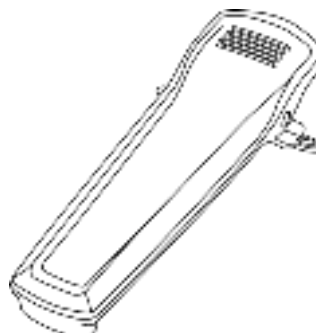
Charging Cable



ADAPTOR



Battery

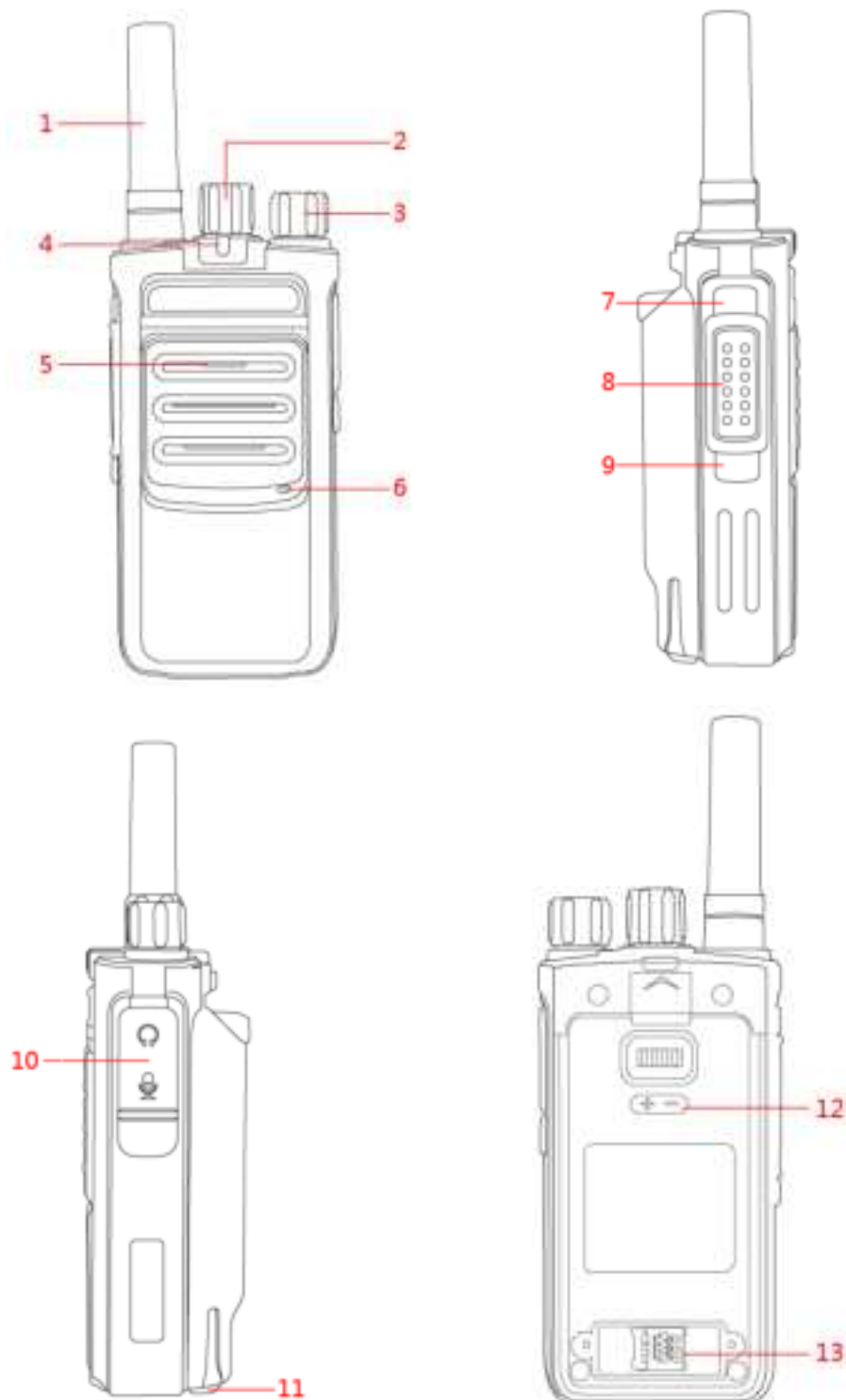


Belt Clip



User's Manual

## Getting Acquainted



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- 1. Antenna**
  - 2. 16-CH Knob (Group Switching Knob)**
  - 3. Power Switch and Volume Control**
  - 4. Indicator Lamp**
    - Light Red: Transmitting
    - Light Blue: Receiving
  - 5. Speaker**
  - 6. MIC**
  - 7. PF2 Key**
    - Standby Mode:
      - Short press — Read tag or Broadcast the device information
      - Long press — Send/Cancel SOS
  - 8. PTT (Push To Talk)**
  - 9. PF1 Key**
    - Standby Mode:
      - Short press — GPS patrol or Playback the last PTT record
      - Long press — Switch network mode
  - 10. Speaker/Microphone Jack**
  - 11. Type-C Charging Port**
  - 12. Battery Contactor**
  - 13. SIM Card Slot**

## Basic Operations

<b>N O T E</b>	<p><b>Please check the following two items before using</b></p> <p>a. Please make sure the SIM card has been activated and has start the data service.</p> <p>b. Please make sure the radio has been programmed with the activated platform account and the correct APN information.</p> <p>If not, please contact local dealer for assistance.</p>
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### 1. Power On

Turn the volume control clockwise to power on.

### 2. Power Off

Turn the volume control anticlockwise to power off.

### 3. Transmitting

Press PTT to transmit ( LED indicator lights red), keep away from microphone 2.5cm-5cm.

#### Exception & Talking Priority:

If there is an advanced user starts to talk when you're transmitting, you will be forced to exit the transmitting mode.

### 4. Receiving

The LED indicator lights blue when receiving.

## **GPS Patrol**

### **Playback PTT Record**

In any state, short press the PF1 Key to playback the last PTT record. Before using, please make sure there have record(s) and Record Control function has been enabled. If not, please contact local dealer for assistance.

**NOTE:** Radio can only realize either GPS Patrol or Playback function.

NFC version: only GPS Patrol

Standard version: only Playback

## **Broadcast Device Information**

In any state, short press the PF2 key to broadcast the device information. Before using, please make sure the function has been enabled. If not, please contact local dealer for assistance.

## **SOS**

In any state, long press PF2 Key to send SOS alarm to the current group members & dispatcher.

## **Man Down**

If radio fall down after logged in, will beep alarm if did not erect within 10 seconds.

It will send SOS alarm to the current group members & dispatcher if did not erect radio within 20 seconds.

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## Network Switching Function

In any state, long press PF2 Key to switch network mode. Before using, please make sure the function has been enabled. If not, please contact local dealer for assistance.

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 operating positions accepted by the FCC with the walkie talkie 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 walkie talkie 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 when used with an accessory designated for this product or when used with an accessory that Contains no metal.

To maintain compliance with the FCC RF exposure guideline, hold the transmitter and antenna at least 1.0 centimeters from your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment comply with FCC radiation exposure limits set forth for an uncontrolled environment.