



FW -510

POC Trunking Radio

USER'S MANUAL

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

ANY DISTANCE, ANYWHERE

CONTENTS

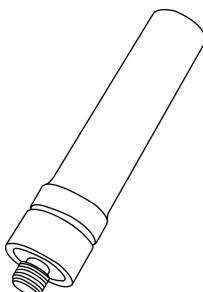
Checking Equipment.....	1
Getting Acquainted.....	2
FW-510 Diagram.....	2
Basic Operations.....	4
Power On.....	4
Power Off.....	4
Transmitting.....	4
Receiving.....	4
Advanced Functions.....	5
SOS.....	5
Man Down	5
NFC Patrol.....	5
GPS Patrol.....	5

Checking Equipment

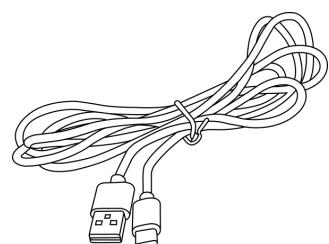
Carefully unpack the radio. We recommend that you identify the items listed in the following table before discarding the packing material. If any items are missing or have been damaged during shipment, file a claim with the carrier immediately.

ACCESSORIES

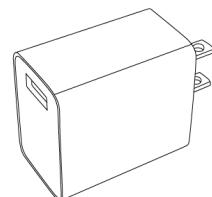
ITEM	QUANTITY
Antenna	1
Data Line	1
Adapter	1
Li-ion Battery	1
Belt Clip	1
User's Manual	1



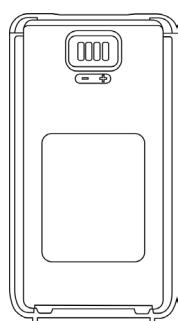
Antenna



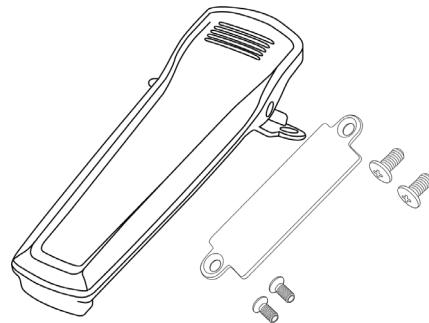
Data Line



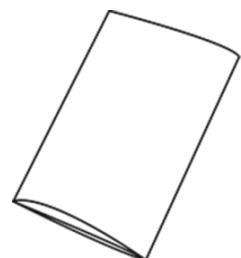
Adapter



Li-ion Battery

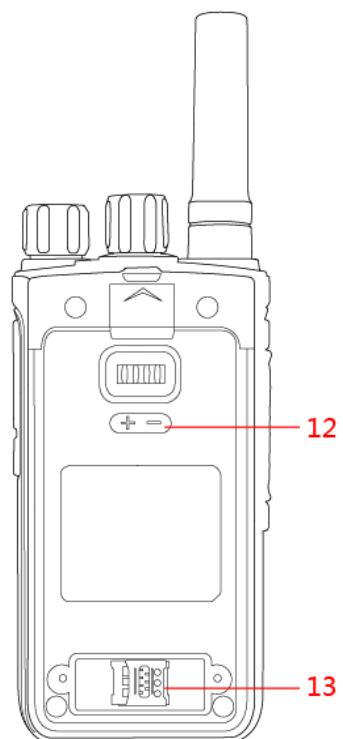
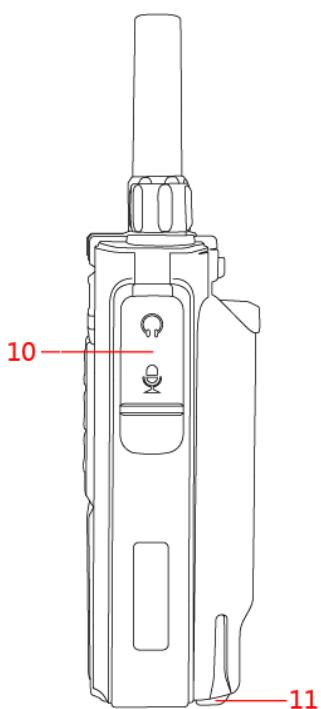
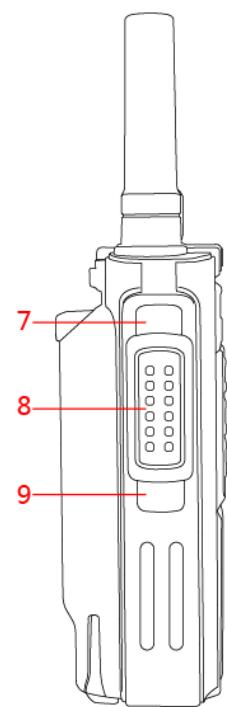
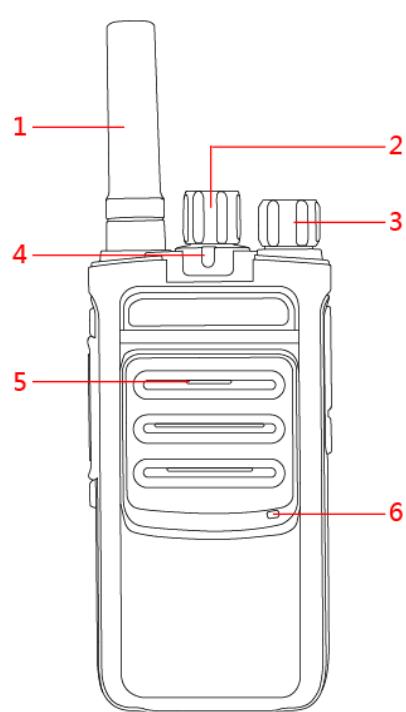


Belt Clip



User's Manual

Getting Acquainted



1. Antenna**2. 16-CH Knob (Group Switching Knob)**

If the corresponding number is not set to a channel, the radio will flash a red light quickly and emit a continuous "beep" sound.

3. Power Switch and Volume Control**4. Indicator Lamp**

Light Red: Transmitting

Light Blue: Receiving

5. Speaker**6. MIC****7. PF2 Key**

1) Standby Mode:

Short press — Read NFC tag (NFC Version)

Playback the last PTT record (Standard Version)

Long press — Send/Cancel SOS

2) Temporary Group Mode:

Short press — Exit Temporary Group (Private Call)

8. PTT (Push To Talk)**9. PF1 Key**

1) Standby Mode:

Short press — GPS patrol (NFC Version)

Turn on/off VOX function (VOX Version)

Broadcast the device information (Standard Version)

Long press — Switch network mode

2) Temporary Group Mode:

Short press — Exit Temporary Group (Private Call)

10. Speaker/Microphone Jack**11. Type-C Charging Port****12. Battery Contactor****13. SIM Card Slot**

Basic Operations

Please check the following two items before using	
N	a. Please make sure the SIM card has been activated and has started the data service.
T	b. Please make sure the radio has been programmed with the activated platform account and the correct APN information.
E	If not, please contact local dealer for assistance.

1. Power On

- 1) Turn the volume control clockwise to power on — radio beeps.
- 2) Searching Network — slow flashing blue light.
- 3) Landing — fast flashing blue light.
- 4) Logged in — voice prompt current group name.

2. Power Off

Turn the volume control anticlockwise to power off.

NOTE: Can not remove battery directly to power off, otherwise it will lead to the data loss and the radio damages.

3. Transmitting

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

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.

Advanced Functions

1. SOS

Long press PF2 Key to send/cancel SOS.

Three working modes, and only able to change SOS mode by programming software.

1) Normal:

SOS alarm every 30 seconds and will stop after 3 cycles.

2) Hot MIC:

SOS alarm 30 seconds, auto open MIC 10 seconds, then close 20 seconds, and will stop after 3 cycles.

3) OFF: Close SOS function.

2. Man Down

Three working modes, and only able to change Man Down mode by programming software.

1) ON:

Man Down alarm will be triggered when radio tilt to any direction and exceed 30 ± 10 degrees.

The alarm will be stopped if put it straight within 10s after alarm triggered.

Radio will automatically send SOS to group members and dispatcher if alarm over 10s.

2) Allow Talk:

Man Down alarm will be triggered when radio tilt to any direction and exceed 30 ± 10 degrees.

The alarm will be stopped if put it straight within 10s after alarm triggered.

Radio will automatically send SOS (**and auto open MIC 10s**) to group members and dispatcher if alarm over 10s.

3) OFF: Close Man Down function.

NOTE: Before using, please make sure Man Down function has been enabled when programming. If not, please contact local dealer for assistance.

3. NFC Patrol (Optional)

Put “NFC” marked area on the NFC tag. Short press PF2 Key to read it.

Voice prompt “Success” when finished (LED indicator lights blue).

Please try again if voice prompt “Failure” (LED indicator lights red).

4. GPS Patrol (Optional)

Short press PF1 Key to send GPS to platform when arrived patrol location.

Voice prompt “Success” when finished (LED indicator lights blue).

Please try again if voice prompt “Failure” (LED indicator lights red).

NOTE: To realize GPS Patrol, radio must have GPS function and able to be located.

5. VOX Version (Optional)

Short press PF1 Key to open VOX mode.

Voice prompt “open”.

Please try again if voice prompt “Failure”