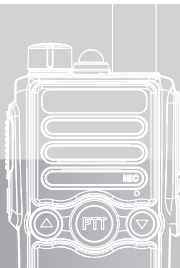


FM TRANSCEIVER

USER'S MANUAL



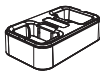
WARNING:

- Pls do not use the transceiver when you are in the exploding place (such as gas, dust smoke etc).
- Pls turn off the transceiver while your car is being refueled or parked at gas station.
- Government law prohibits the operation of unlicensed radio transmitters with territories under government control.
- Illegal operation is punishable by fine or imprisonment
- Refer service to qualified technicians only.

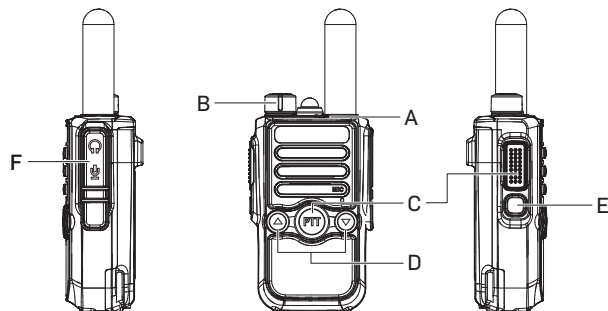
UNPACKING AND CHECKING EQUIPMENT

Pls open the packing box before use, checking the transceiver body and accessories.

If radio or accessories damage, please contact with local dealer.

Item	Belt Clip	Li-ion Battery	Charger/ Adapter	EN Manual	2 ways Charger
Qty.	1	1	1	1	(Optional)
					

✧ FAMILIAR TRANSCEIVER



- A. Status Indicator:** Upon receiving the green light signal, emitting red light.
- B. Power switch/Volume control:** Turn the volume switch clockwise, radio power on and adjust the volume, turn the volume switch counter-clockwise, the radio power off.
- C. PTT switch:** After pressing the PTT button to call the other side into the microphone, then release to listen to each other talk.
- D. Up key & Down key:** short press to select channel.
- E. Side key 1:** short press, select channel; long press, MONI function.
- F. Speaker/microphone rubber plug:** Covered when not connected to an external speaker and microphone.

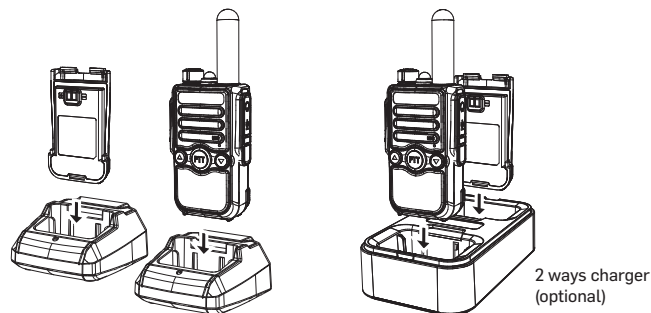
✧ MAIN SPECIFICATION

Frequency range	462.550MHz~462.7125MHz, 467.5625MHz~467.7125MHz
Output Power	2W/0.5W
Memory channel	16 channels
Rated voltage	DC 4.2V (Li-ion battery)
Dimension	89mm×49mm×31mm (without volume switch)
weight	175g

✧ PREPARE OPERATION

CHARGER THE TRANSCEIVER

1. Take out the transceiver charger with (100-240V) 50/60Hz AC. Then the green light turn on.
2. Put the battery inside the charger, Confirm the battery pack and charging cradle terminal and reliable contacts.
3. Red indicator light, charging starts. The charging time depends on the capacity of the battery. After charging, the green indicator light, said the charge is full.



WARNING!

- If the battery is fully charged, do not recharge. Otherwise it will shorten the battery life and reduce battery performance.
- After the purchase or long-term storage (more than 2 months) after the first charge of the battery pack can not usually reach its capacity, charge and discharge should be repeated twice in order to achieve a normal battery capacity.

INSTALL/REMOVE BATTERY PACK

1. The battery pack release brake down the intercom on the base lock up along the back of the transceiver. (such Figure 1)
2. To remove the battery pack, battery buckle under pressure to exit the battery. (such Figure 2)

Figure 1

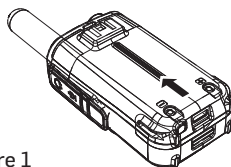
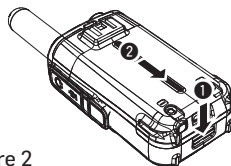


Figure 2

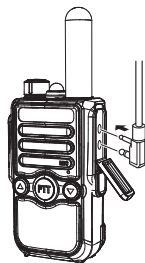
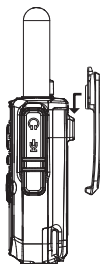


WARNING!

- Do not disassemble the battery;
- Do not throw the battery into the fire;

INSTALLING THE BELT CLIP

If necessary, the random configuration clip locks into the screw holes on the back of the walkie-talkie, easy to carry. To remove the clip, simply unscrew the two screws can be.



INSTALLING THE OPTIONAL SPEAKER/MICROPHONE

Open rubber plug the speaker/microphone to the speaker / microphone jack.

✧ COMMON FAULTS AND EXCLUSION METHOD

Fault phenomenon	Method of exclusion
Power on no response	The battery may be exhausted, please replace or recharge. The battery is not installed, remove and reinstall the battery.
After charging the battery, use of time is not long.	Close to the battery life, replace the new battery.
Can not communication	Exceed the talking range, frequency or CTCSS or DCS different, Please reset.
Appear other sounds	Please change the DCS CTCSS setting,
Short distance	Make sure the antenna is good contact, confirm whether the wife antenna, battery voltage is normal, adjust the squelch point level.

✧ ASSIST FUNCTION

VOICE PROMPT

Transceiver with Chinese/ English two type voice prompt, can change the voice prompt via software.

NOTE: There is a mute in the handover, that no voice prompt.

MONITOR

When the monitor is turned on, if no signal is present, the intercom squelch circuit automatically makes speaker muffler. Therefore, you will not hear background noise. To turn off mute circuit, hold the MONITOR button. This when you want to adjust the power level or the need to receive weak signals useful.

TOT

TOT is to prevent the speaker too long continuous use of a channel, radio transmit continuously for too long, the body heat. If you continuously transmit radio, loom over the set TOT transmit time, the transceiver will stop transmitting. Down PTT, press the PTT switch again will return to launch.

NOTE: TOT can setting via software.

BATTERY SAVING

Start battery saving function intercom connected to the signal or no operation reduce (not key goods rotary switch), the battery power consumption. When the intercom signal is not received or no operation lasted more than five seconds, the battery saving function is activated. Upon receipt of the signal or operation, battery power is automatically turned off.

✧ BASIC OPERATION

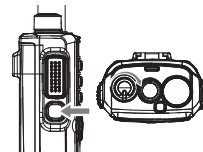
POWER ON

Turn the power/volume switch channel colockwise, until a voice "du", prompt the channel number.



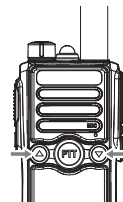
VOLUME CONTROL

Adjust the volume by rotating the Volume control.



CHANNEL SWITCH

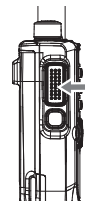
Short press side key 1 & side key 2, choose the channels number follow the voice prompt.



PTT SWITCH

To make a call, press and hold the PTT switch, indicator light, with the usual speech sound speak into the microphone.

NOTE: Keep the microphone away from the lips 3cm to 5cm.



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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services.

Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

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.
-
- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer declared.
 - DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
 - During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.
 - DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.
 - Portable Device, this transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. RF exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least 2.5 cm. Highest Reported SAR 0.363W/Kg for Front of face, Highest Reported SAR 0.425W/Kg for Body worn.
- General population/uncontrolled Radio, this radio is designed for and classified as "General population/un-controlled Use"

GUARANTEE CARD

Thank you for purchasing this product, we will do our best to provide more stable, clear, efficient wireless communications services. In order to offer more excellent after service, please pay attention to the following information as follow:

This product starts from the date of purchase to calculate the warranty period, under the normal state of the warranty period of use of the product caused by the fault, under the terms of this warranty (radio body 12 months warranty, accessories (batteries, Chargers) 6 months of free warranty service), production of this warranty card original and purchase invoices, in the designated authorized repair Station to enjoy the warranty service, during the warranty period, the following conditions will be implemented with paid maintenance services:

- (1) can not provide the warranty card and purchase invoices.
- (2) The card has altered traces or inconsistent with the product.
- (3) due to un-normal use, fill water, negligence caused by defects or damage.
- (4) by unauthorized repair, demolition caused by defects or damage
- (5) Failure or damage caused by force majeure,
- (6) wear under normal use.
- (7) The defect or damage caused by the use of the product in abnormal or unconventional circumstances
- (8) due to improper testing, operation, maintenance, installation, modification or adjustment caused by defects or damage, please send the walkie-talkie and the warranty card and purchase invoices together with the maintenance of the designated authorized repair station, transport costs by the user.

Please keep the warranty card, the loss does not fill.

Model Number:	Serial Number
User's Name	Telephone
User's Address	Post Code
Purchasing Date	Invoice number
Name of sales (valid seal)	
Contacts	Contact number

Remark:

- (1) this warranty card is only applicable to the above mentioned model and number of interphone warranty service.
- (2) the warranty card is an important certificate for the end user to enjoy the warranty service, please keep it properly.
- (3) the warranty card shall be completed by the seller and the sales stamp shall be completed before the entry into force.

MAINTENANCE RECORD

Repair date	Finish date	Fault description	Maintenance Project	Repairman