



RECYCLED PACKING

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Made in China

07 USER'S MANUAL



To Customers

Thank you very much for using our two way radio.

This radio of modern design is reasonable structure with stable functions.

It is designed to meet different customer's need for high quality with easy operation and perfect capability. We believe you are pleased with its nice shape and excellent performance.

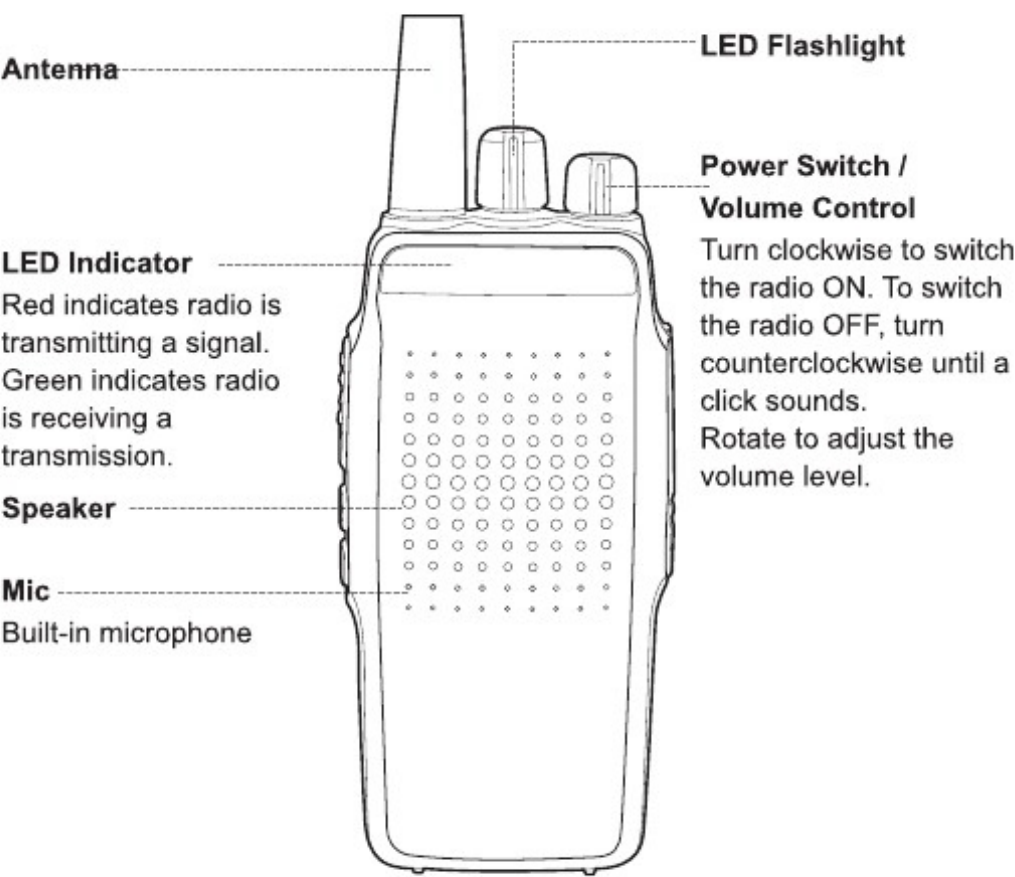
UNPACKING AND CHECKING EQUIPMENT

Carefully unpack the radio. If any of the items listed below are missing or damaged, file a claim with the carrier immediately.

SUPPLIED ACCESSORIES

◆ AC Adapter	1
◆ Charger Dock	1
◆ Li-ion Battery	1
◆ Belt Clip	1
◆ Hand Strap	1
◆ User Manual	1

ORIENTATION



**PTT (Push-To-Talk)
switch**

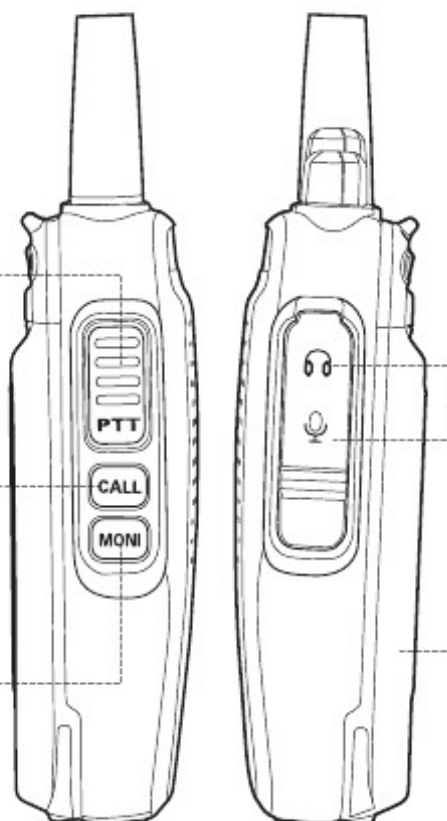
Press and hold to
transmit voice
communication.

Side 1 key

Press to activate
its programmable
function.

Side 2 key

Press to activate
its programmable
function.



**Speaker/
microphone
Jack**

Battery pack

CHARGING THE BATTERY PACK

This radio is equipped to use a rechargeable Li-ion battery pack which can be recharged by inserting the AC adapter into the radio charge jack. Initial charge time is 24 hours. Charge time is about 8 hours thereafter. For maximum battery life, we recommend charging the battery pack when the low battery icon comes on. Remove the AC adapter from the radio when the charge time expires.

TO CHARGE BATTERY

- ◆ Check to see that the battery has been inserted properly.
- ◆ Insert the battery or radio into the charger dock.
- ◆ Use only the supplied rechargeable battery and AC adapter for recharging your radio.
- ◆ The radio is not intended to be used while being charged.
- ◆ Non-rechargeable alkaline battery can also be used in your radio.
- ◆ Maximum/Minimum Operating Range: -30~50 °C.

CHARGING STATUS

LED Indicator Color	Status
Blue light ON	In Charging
Blue light OFF	Full Charged

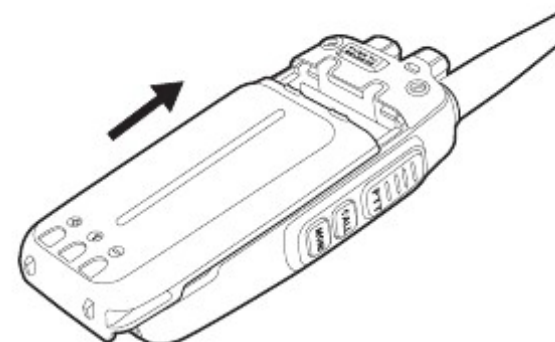
USE AND CARE

1. Use a soft damp cloth to clean the radio.
2. **Do not** use alcohol or cleaning solutions to clean the radio.
3. **Do not** immerse the radio in water.
4. Dry the radio and remove the battery during long-term storage.

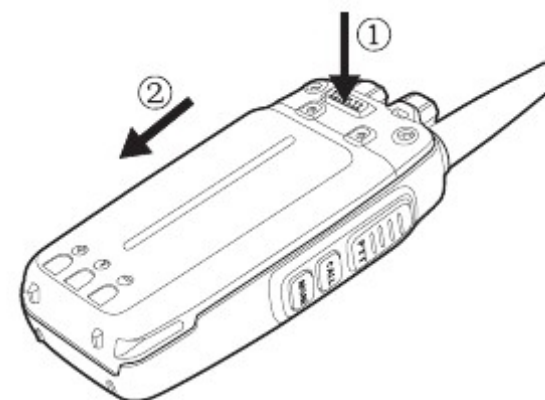
ACCESSORIES INSTALLATION

INSTALLING/REMOVING THE BATTERY PACK

1. To install the battery, put the battery on the back of the radio and slide it towards the upper radio's part
2. To remove the battery, press the "PUSH TO RELEASE" button and slide the battery towards the lower radio's part



(INSTALLING)



(REMOVING)

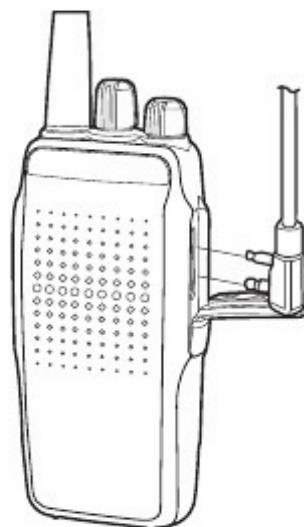
INSTALLING THE BELT CLIP

If necessary, attach the belt clip using the supplied screws.



INSTALLING THE SPEAKER/ MICROPHONE (OR HEADSET)

Insert the speaker/microphone (or headset) plugs into the speaker/ microphone jack of the radio



USING YOUR RADIO

BASIC OPERATIONS

1. POWER SWITCH AND VOLUME CONTROL

Turn clockwise to switch the radio ON. To switch the radio OFF, turn counterclockwise until a click sounds. Rotate to adjust the volume level

2. SELECT THE CHANNEL

Rotate the Channel Selector Knob to choose the Channel you want.

3. TRANSMIT AND RECEIVE

- (1) To make a call, press and hold the PTT switch, then speak around the microphone area using your normal speaking voice. Hold the microphone approximately 1 inches from your lips.
- (2) Release the PTT switch to receive.
- (3) If you set a CTCSS/DCS Code in the radio, you can receive ONLY when the CTCSS/DCS Code is SAME for the radios.

CHANNEL PARAMETERS

1. TX / RX FREQUENCY

Frequency range: 462.5500-462.7250MHz 467.5625-467.7125MHz

2. CTCSS / DCS CODE (QT/DQT CODE)

A QT tone/DQT code is a sub-audible tone/code which allows you to ignore (not hear) calls from other parties who are using the same channel.

When a channel is set up with a QT tone or DQT code, squelch will only open when a call containing a matching tone or code is received. Likewise, signals that you transmit will only be heard by parties whose QT/DQT signaling matches your radio.

If a call containing a different tone or code is made on the same channel you are using, squelch will not open and you will not hear the call. This allows you to ignore (not hear) these calls. Although it may seem like you have your own private channel while using QT/DQT, other parties can still hear your calls if they set up their radio with the same tone or code.

3. WIDE/NARROW BAND

Narrow Band: Max deviation is 2.5KHz

4. BATTERY SAVE

If activated by your dealer, the Battery Save function will decrease the amount of power used when a signal is not being received and no operations are being performed (no keys are being pressed, and no switches are being turned).

While the channel is not busy and no operation is performed for 5 seconds, Battery Save turns ON. When a signal is received or an operation is performed, Battery Save turns OFF.

5. PTT-ID

You can name a PTT-ID for each channel so that when DTMF function is activated, you can send the PTT-ID code to others.

6. ADD SCAN CHANNEL

Add the channel to scan list.

7. BUSY CHANNEL LOCKOUT (BCL)

When activated, BCL prevents you from interfering with other parties who may be using the same channel that you selected. Pressing the PTT switch while the channel is in use will cause your radio to emit an alert tone and transmission will be inhibited (you cannot transmit). Release the PTT switch to stop the tone and return to receive mode.

SHORT-CUT OPERATION

1. VOX FUNCTION

Select Channel to Channel 1, press and hold [PTT] + [SIDE KEY 1] and at the same time turn on the radio, VOX function activated, VOX level is Level 1.

Select Channel to Channel 2, press and hold [PTT] + [SIDE KEY 1] and at the same time turn on the radio, VOX function activated, VOX level is Level 3.

Select Channel to Channel 3, press and hold [PTT] + [SIDE KEY 1] and at the same time turn on the radio, VOX function activated, VOX level is Level 5.

Select Channel to Channel 4, press and hold [PTT] + [SIDE KEY 1] and at the same time turn on the radio, VOX function activated, VOX level is Level 7.

Select Channel to Channel 5, press and hold [PTT] + [SIDE KEY 1] and at the same time turn on the radio, VOX function activated, VOX level is Level 9.

2. CHANNEL ANNUNCIATION

When changing the channel using the Channel selector, an audio voice will announce the selected channel number, after you stop changing the channel.

Rotate the channel selector to CHANNEL 10, PRESS and HOLD [PTT] + [SIDE KEY 1], at the same time turn on the radio to activate/deactivate the CHANNEL ANNUNCIATION function.

3. EMERGENCY ALARM

Rotate the channel selector to CHANNEL 11, PRESS and HOLD [PTT] + [SIDE KEY 1], at the same time turn on the radio to activate/

deactivate the EMERGENCY ALARM function.

4. ANNUNCIATION LANGUAGE

Rotate the channel selector to CHANNEL 15, PRESS and HOLD [PTT] + [SIDE KEY 1], at the same time turn on the radio to switch the language between Chinese and English.

OTHER FUNCTIONS

1. TIME-OUT TIMER (TOT)

The purpose of the Time-out Timer is to prevent any caller from using a channel for an extended period of time.

If you continuously transmit for a period of time that exceeds the programmed time set by your dealer (default is 1 minute), the radio will stop transmitting and an alert tone will sound.

To stop the tone, release the PTT switch.

2. LOW BATTERY WARNING

Low Battery Warning alerts you when the battery needs to be recharged or replaced.

While operating the radio, if the battery power becomes low, an alert tone will sound every 30 seconds and the LED indicator will blink red. Replace or recharge the battery pack.

Trouble shooting

Before the transceiver is regarded as being faulty, please double check according to the main problems as following chart. If the problems are still happening, please reset it to avoid some misfunctional operation, search assistance from the experienced technician or contact your buyer accordingly.

Prob/em	So/ution
The transceiver can not be powered on	1. The battery may be exhausted, pls change the new battery or re-charge it. 2. The battery was not installed correctly, pls re-install.
The battery life is too short to use	1. The battery life is over, pls change a new battery. 2. The battery is not fully charge.
The receiving light keeps flashing, but there is no sound coming out	1. Make sure the volume is highest. 2. Make sure the CTCSS/S/DCS settings are the same as the transmitting transceiver.
It seems the keyboard does not work.	1. Make sure the keypad is locked or not. 2. Make sure the keys are not stuck.

Prob/em	So/ution
In standby, the transceiver will transmit automatically even the PTT key is not pressed	Make sure VOX function is ON or not, and its level is set too low or not.
There are other disturbed signals or noise (from other groups) in the channel.	Please change the CTCSS/DCS frequencies set in your group.

SPECIFICATION

General	
Channel Capacity	22
Channel Spacing	12.5KHz
Frequency Stability	±2.5ppm
Operating Temperature	-30~50 °C
Antenna Impedance	50Ω
Dimensions	304mm*64mm*40mm
Weight(with antenna & battery)	620g
Frequency	462.5500-462.7250MHz 467.5625-467.7125MHz
Operating Voltage	DC 7.4V
Antenna Gain	2.15 dBi
Transmitter	
Modulation	FM
Audio Distortion	≤5 %
Receiver	
Sensitivity	0.25μV
Rated Audio	400mW
Rated Audio Distortion	≤5%

All Specifications are subject to change without notice due to continuous development.

Warranty Card

Customer's name: _____

Gender: _____

Add and postal code: _____

Customer's Tel: _____

Model: _____

Serial number: _____

Purchasing date: _____

Invoice No: _____

Dealer: _____

Stamp: _____

Add and postal code of the dealer: _____

Contact Tel: _____

Note:

1. This warranty card is only applicable to two-way radio of the above-listed model and serial number.
2. The warranty card is an important document for the end-user to enjoy warranty service, please keep it well.
3. The warranty card shall be filled and chopped by the dealer, or it is invalid.
4. This warranty card to be kept by the user no replenishment if lost.

Please focus on the following information:

The products warranty period begins from the purchasing date. If product failure under normal use within warranty period occurs, according to the contents of this warranty. (the radio is guaranteed for 12 months. Accessories 6 months). Please carry the warranty card originals and purchase invoice to designated authorized warranty repair station for warranty service.

Maintenance record

Carry-in date			
Completion date			
Fault description			
Maintenance staff numbers			
Maintenance personnel NO.			
Signature			

The following situations occur during warranty period will be implemented in paid service:

- (1) Failure to produce the warranty card
- (2) The card has altered traces or inconsistent with the product
- (3) Defect or damage caused by misuse, accident, water or negligence
- (4) Defect or damage caused by abnormal or non-normal use
- (5) Defect or damage caused by improper testing operation maintenance installation disassembly or adjustment
- (6) Defect or damage caused by unauthorized repair or disassembly.
- (7) Defect or damage caused by force majeure
- (8) Wear and tear under normal use.

When you are in need of repair, please send the radio, warranty card and purchase invoice together by post or take directly to designated authorized service stations, shipping costs should be borne by the user.

IMPORTANT NOTICE:

WARNING: 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.

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.

Safety Information for Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices

Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Normal Position

Hold the transmitter approximately 25 mm from your face and speak in a normal voice, with the antenna pointed up and away.

Thank you for buying two way radio Again. We will do our best to provide you with a stable, clear and efficient wireless communication services. In order for you to enjoy a better quality warranty service.