

# USER'S MANUAL

## BRIEF INTRODUCTION

Thank you for your purchase of the handheld walkie-talkie. We believe that this simple, stable, beautiful and widely used in various industries of professional wireless communication equipment will bring you excellent quality and reasonable price surprise. If this product uses professional commercial or amateur frequencies, it is required to apply for license from Wireless Administration Organization of the local province, city and autonomous region. Please read this manual carefully in order to know how to properly operate the radio before use.

## CONTENTS

Unpacking and configuration check	02
Getting acquainted	02
Basic operation	04
Troubleshooting	06
Warranty card	07

## UNPACKING AND CONFIGURATION CHECK

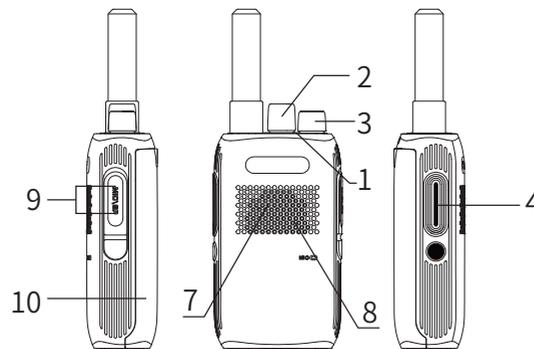
**Welcome to use the radio intercom. Before using it, we suggest you:**

Please check the packaging box of this product for any signs of damage; Please open the packing box carefully and confirm whether there are any items listed in the following table in the box. If you find any loss or damage of the product and its accessories during handling, please contact the dealer immediately.

### ACCESSORIES LIST

ITEMS	QUANTITY
Rubber Antenna	1
Lithium-ion Battery Pack	1
Desktop Charger	1
User Manual	1
Belt Clip	1
Hand-strap	1

## GETTING ACQUAINTED



## BASIC OPERATIONS

### 1. Status Indicator Light

When radio transmission information, red LED lights, when receiving the green LED lights.

### 2. Channel Switch

Rotate this switch to select channels 1~16, counterclockwise to reduce the channel value, clockwise to increase the channel value, if the channel is rotated to the written frequency software if the channel is empty, the alarm voices.

### 3. Power Switch /VOLUME Controller

Turn on power of the walkie-talkie when rotating clockwise, turn it down counter-clockwise. Rotating the switch to adjust the volume.

### 4. PTT

Press PTT and face to microphone talking, red LED lights. If this channel don't have TX frequency, then you can sound "Du Du" and the red LED lights, release PTT to receive information, when radio receive information, green LED lights and speaker louder open.

### 5. Antenna

It is for receiving and sending signals.

### 6. Speaker

Output audio.

### 7. Microphone

Input audio.

### 8. Speaker/Microphone Jack/Programming Interface

Used for external purchase of earphones, can also be connected to programming cable through the PC software for the two-way radio to read/write frequency.

### 9. Battery Pack

Supply power to the two-way-radio.

### 10. Squelch Level

By adjusting the squelch level to set how strong a signal the two-way radio is to be turned off and on. Lower the squelch level is set to allow it to be turned on When background noise is larger, the corresponding distance to call is farther, but the anti-jamming ability of the receiver is weaker. This default setting level is level 3. You can set it "Squelch Level" from the programming software. The optional range is level 0~9.

When set to 0 the squelch open, the level is higher the squelch can not open easily.

### 11.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)

### 12.Scanning

When the two-way radio is set to scan by programming software, turn the channel selection knob to any channel to automatically enter the scanning state, if the current the channel is 16 channels, and the two-way radio will automatically detect the activity of channels 1 to 16 defined as sweep channels (write frequency software can define each channel can be scanned or not scanned), when there is a signal in the scanned channel, the two-way radio will automatically stop on the channel for communication.

**Note:** A. The intercom will stop on the channel with signal. When the signal disappears and passes about 10s, it will conti-

### 13. Voice Report

When the voice selection is off, the two-way radio will not issue voice notification.

When the voice selection is in Chinese, the Chinese "voice notification" function will be turned on, and the "voice notification" function will be selected In English, the English "voice notification" function is turned on.

### 14.Battery Save

Setting into the power-saving mode, can be set and selected by programming software.

Note: A: No check means that the two-way radio does not save power.

B: Tick means the two-way radio saves electricity.

### 15.Battery Voltage Indication

Note: he battery is too low: when the battery is below a certain level, if the voice is selected in Chinese, the voice prompt of "Please charge" will be sent out every 10S

"Please charge" is prompted when the voice is on (the voice prompt is an English reminder when the voice is selected in English).

start transmitting.

### 20.Scrambler

Programming each effective channel with scrambler function by 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..

### 21.CTCSS/DCS

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 CTCSS/DC , the squelch can not be turned on and the light will be green.

Note: There are two non-standard digital subtone modes: Special subtone 1 and Special subtone 2.

Non-standard digital subtone can be programmed by special write frequency software.

### 22.Compandor

Choose the compandor function by programming software . It can help to enhance the SNR of receiving signal, make the audio clearer and lower the background noise .

## TROUBLESHOOTING

No power supply.	<ul style="list-style-type: none"> <li>●The battery may have run out.</li> <li>●The battery may not be installed correctly. Please replace it with a new battery.</li> </ul>
Battery power doesn't last long after charging.	<ul style="list-style-type: none"> <li>●Battery life has come to an end.</li> <li>●Please update the battery or recharge it.</li> </ul>
You cannot talk to other members of the group.	<ul style="list-style-type: none"> <li>●Verify that the frequency and CTCSS/DC Settings you are using are the same as those of other members of the group.</li> <li>●May be too far away.</li> </ul>
Other (non-team member) voices appear in the channel.	<ul style="list-style-type: none"> <li>●Verify that the frequency and CTCSS/DC Settings you are using are the same as those of other members of the group.</li> <li>●May be too far away.Make sure you are within the valid range of other walkie-talkies.</li> </ul>
Walkie Talkie channel is empty frequency	<ul style="list-style-type: none"> <li>●please switch to another channel or write frequency points before using.</li> </ul>

### 16.Busy Channel Lock Out

If the busy lock is set, press PTT upon receipt of the signal to disable transmission and beep "DI" until PTT is released.

### 17.High /Low Power Selection

This function is set to high power by default in the factory. It can be set and selected in the "high/low" option of the special write frequency software "transmitting power".

Choose the channel to operate at high power or low power.

### 18.Wide /Narrow Band Selection (25.0KHz/12.5KHz)

This function is set to wide band by default in the factory, which can be selected by setting the "width/narrow" option in the special write frequency software "channel information" Channels are operating at either wide band (25.0 kHz) or narrow band (12.5 kHz).

### 19. VOX

VOX Voice Control allows you to transmit using only the voice of your speech without pressing the PTT transmitter button. It will automatically stop transmitting when you stop speaking dedicated write frequency software to select on/off this feature when turned on.

A.When your walkie talkie channel is enabled with IVOX voice control.Active the VOX function by choose the VOX level from programming software .

When you speak into the microphone, it automatically turns on the transmitter and sends the voice.

Stop talking, the intercom automatically stops transmitting, waiting for reception.

B.Headset when you use the microphone.

To use the voice control function, you must adjust the VOX gain and set the VOX gain so that the walkie-talkie can distinguish the volume of the voice.

If the microphone is too sensitive, ambient noise will cause the intercom to start firing.

If the microphone is not sensitive enough, the intercom will not be able to pick up your message Voice, be sure to adjust the VOX gain level to make the call go smoothly.

Note: When turning on voice control and setting the VOX gain to a higher, more sensitive level, if the speaker/microphone is connected to the intercom, then A received signal amplified by the speaker/microphone may cause the two-way radio to

## WARRANTY CARD

Contact Person:.....

Company Name:.....

Address:..... Postcode:.....

Tel:..... Mobile Phone:.....

FAX:..... E-mail:.....

Purchase Product:..... Type No. :.....

Order No. :..... Purchase Date:.....

Product Serial No. (S/N) :..... Bar Code (EAN) :.....

Warranty Card No. :.....

Fault Description:.....

### Warranty Terms:

1. The company will provide free warranty within the specified period.
2. If any fault occurs during the warranty period and is confirmed by our technical personnel to be normal, our company will provide free maintenance and maintenance Replace non-consumable parts (excl. shell, parts, consumables, etc.).
3. The following circumstances are not covered by the warranty:
  - A. Products that are out of warranty.
  - B. The product is disassembled by the user.
  - C. Obvious damage to the surface of the fuselage.
  - D. Damage caused by improper use or safekeeping by the user, including scorch marks on parts or broken plugs, or intercom Machine water, resulting in parts, components damage.
  - E. The fuselage coding bar code is altered or torn.
4. The user must present this warranty card and invoice during maintenance, otherwise the company has the right to refuse to provide any free warranty during the warranty period Warranty service.
5. The user shall be responsible for all the cost of return maintenance.
6. The warranty period starts from the invoice number date.

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