RECYCLED PACKAGING

PROFESSIONAL DIGITAL TWO-WAY RADIO

UV DUAL BAND WALKIE TALKIE

- Frequency channels 2x250
- High quality Sound •Large battery capacity
- Battery saving function •Scramble function
- VOX function •Chinese and English voice prompt
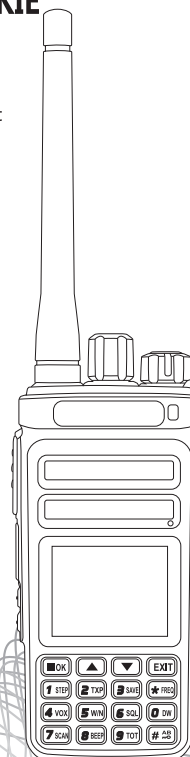- Program software

USB charge   Radio

USER'S MANUAL

NOTICE

According to the regulations of the people's Republic of China on radio administration, any unit or individual that sets up or uses radio transmitting equipment within the territory of the people's Republic of China must go to the corresponding radio administration organization to apply for the procedures of setting up a radio station and obtain a radio station license before it can be used.

TO USERS

Thank you very much for using our company's handheld amateur FM walkie talkie. The walkie talkie adopts advanced DSP digital technology, which has powerful functions, simple and convenient operation, and can provide you with reliable, clear and efficient communication needs. Before using the walkie talkie, please read this manual carefully, so that you can fully understand the various superior performance, use and maintenance methods of the walkie talkie.

User Security Information

In order to use the walkie talkie safely and efficiently, please read the following safety information:

Please keep the radio and accessories in where is the children can not touch them;
Please do not disassembly radio, it will cause radio broken when non professional staff handle it; Please use the standard battery and charger, avoid to damage the radio;
Please use the match antenna, avoid to shorten the communication distance;
Do not keeping the radio under the sunshine with long time, or keeping it into the superheat place; Do not keep the radio into where is full with the dust and damp;
Do not use strong chemical products, cleaning agents or strong Lotion to cleaning the radio; Can not transmitting when without installing it's antenna;
If it find that radio have the peculiar smell or smoke, please turn off the supply power of radio promptly, and contact with supplier about this case;
Do not short battery terminal connection or put battery pack into fire.

NOTE
- *If you following all above mention advise to using the radio and it's accessories ,they still can not working normally, please promptly contact with supplier about this case;*
- *If using those parts and accessories those are not producing and not selling by our company, we can not promise that the safety and operation of radio;*
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Contents

Unpacking And Checking The Device

Carefully take out the radio. We recommend that you identify the items in the following table before discarding the packing material. If any items are missing or have been damaged during shipment.

Supplied accessories table:

Item	Quantity
Walkie-talkie body	1
Antenna	1
Lithium Battery	1
Adapter	1
Charger cup	1
Back Clip	1
Hand strap	1
User manual	1

Note: for more information about accessories, please contact the dealer.

Main Function

frequency band 136-174MHZ&350-390MHZ&400-470MHZ

Dual band ,dual display, dual standby

Memory channels 2*250

A/B channel group operate separately

CTCSS/DCS decode/encode

Side key function setting

Frequency counter function

FM radio

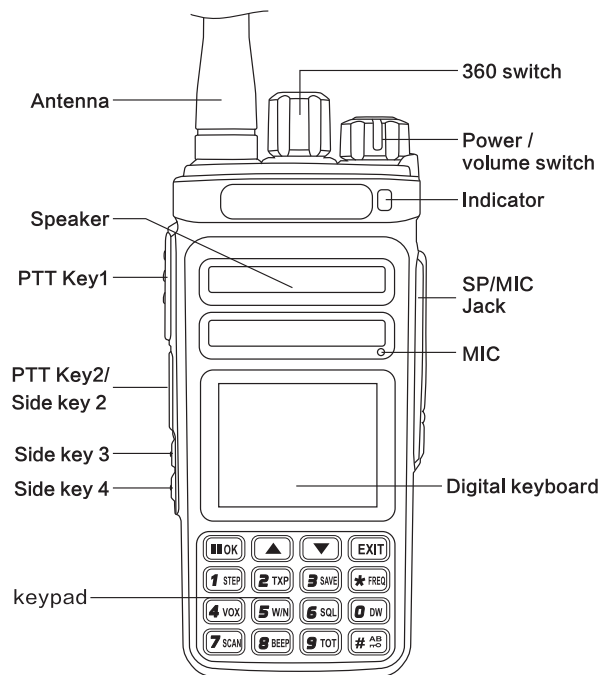Emergency alarm function

DTMF

VOX Function

Output power 10W

Multiple scan function

Chinese English voice prompt selection

Familiar machine

360 switch

Antenna

Power / volume switch

Speaker

Indicator

PTT Key1

SP/MIC Jack

PTT Key2/ Side key 2

MIC

Side key 3

Side key 4

Digital keyboard

keypad

Basic mode of walkie talkie

VFO mode(frequency mode)
Press the [exit] key to select.
In this mode, rotate the [360 switch] or [▲] [▼] key to change the frequency.

MR mode (frequency channel mode)
Press the [exit] key to select.
In this mode, rotate the [360 switch] or [▲] [▼] key to change the frequency. (memory frequency and related data). at least one memory channel, otherwise you cannot enter this mode.

CH mode (channel mode)
Press the [exit] key to select.
In this mode, rotate the [360 switch] or [▲] [▼] key to change the frequency. (memory frequency and related data). at least one memory channel. at least one memory channel, otherwise you cannot enter this mode.

Screen Display

Channel parameters
H / L: high or low power
W / N: wide and narrow band
CT / DT: CTCSS/DCS
V: VOX
S: scramble
C: compand
+ / -: positive / negative frequency offset
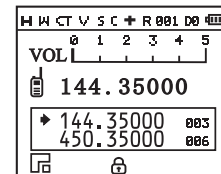R: talk around
001: ID code, the default is 001
DO: group code, default is 0
System parameters
🔋 Power indicator
MIC ⌐⊥⊥⊥⊥⌐ voice volume
🔒 keypad lock

Basic operation

Power ON/OFF
When you clockwise rotate the power / volume switch and hear "click", the walkie talkie power on and enter to standby mode.

Adjust the volume
In standby mode, clockwise rotate the power volume switch to increase the volume, counterclockwise rotate the power volume switch to decrease the volume.

Select frequency / Channel
Press the [▲] [▼] keys to select the frequency or channels.

Transmit
Press and hold the PTT key, the indicator is red, and the radio will enter the emission state. Normal ,the mouse close to speaker 3-5CM.

Receive
When the signal is received, the indicator is green, and the speaker has sound. Adjust the volume knob to the best sound quality.

Channel storage
Press and hold the [#] key to start the machine. When you hear a "di", channel storage is allowed;
Long press the [exit] key, the channel storage mode will be entered, and the display screen will display "OK to save?" Rotate the [360 switch] or key to select the specified channel
Press the [OK] key to confirm the channel storage.

Channel deletion
Press and hold the [exit] key to reboot the machine. enter the channel delete mode;
Rotate the [360 switch] or[▲] [▼] key to select the channel
Press the [OK] key to confirm the channel deletion

Menu setting

How to use the menu
Press the [OK] key to enter the menu system.
Press the [360 switch] key or [▲] [▼] key to select the desired item.
Press the [OK] key to enter the menu setting.
Rotate the [360 switch] or [▲] [▼] key to select menu, and then press the [OK] key to complete the setting and return to the menu.
Press the [exit] key to exit the menu list and return to the previous mode.
If there is no operation more than 10 seconds, the walkie talkie will automatically return to the previous mode.

The menu list

No.	Display character	Secondary menu display characters	Description of secondary menu setting
0	Double work	Off/on	Dual standby off/on
1	Step	0.05KHZ/.../500K	From 0.05khz Choose from 500KHz
2	power	Low power/high power	Low power transmission / high power transmission
3	Save mode	dose	Power saving shutdown
		1—1/.../1 -5	1 -1: less power saving, 1-5: more power saving, but large standby delay
4	Vox	Off/on	Vox off/on
5	Band set	Narrow/ wide band selection	"N" will be displayed when narrow band is selected and "W" will be displayed when wide band is selected
6	SQL	Grade 0-10	Adjust between 0-10 levels. The higher the level, the deeper the noise
7	Scan	/	Scanning starts. If it is not in frequency mode, it needs at least 2 channels to start scanning
B	Beep	Off/on	Turn off /on tone
9	TOT	dose	There is no limit on the launch time
		15 seconds/... / 270 seconds	If the transmission time exceeds, the intercom will automatically turn off the transmission
10	Dec-CTDCS	Close//CTC-254.1 DCS-D023N/.../DCS-D754I	Press the [*] key to select: dose, CTCSS, dcsn, dcsi; Press [#] key to switch DCS positive and negative code; Press [A] /
11	Enc-CTDCS	Close//CTC-254.1 DCS-D023N/.../DCS-D754I	[▼] to seled the group you need; Press the [0-9] key to input the sub audio you want directly
12	Sft	nothinq	The transmitting frequency is equal to the receiving frequency
		Negative difference frequency	The transmitting frequency is equal to the current frequency minus the difference frequency
		Positive difference frequency	The transmitting frequency is equal to the current frequency plus the difference frequency

13		0.000-450.000MHz	
	Offset Freq		The difference between the transmitting and receiving frequencies
14	Rev Freq	Off/on	Frequency reversal off / on
15	Pri TX Ch	close	Turn off priority launch
		automatic	Auto select launch group
		Group A	Launch in group A
		Group B	Launch in group B
16	Backlight	close	The backlight is off (the backlight will be on for a while when there is operation)
		open	Backlight always on
		Automatic 5 seconds /... / 60 seconds	The backlight goes out after the set time
17	VOX level	Off/1/.../10	Set voice gain threshold
18	Scramble	Off/on	Off/on scrambling
19	Compand	Off/on	Close / open companding
20	Key lock mode	Manual	Manual lock keyboard
		Automatic 5 seconds /... / 30 seconds	Lock the keyboard after setting the time, and do not save the locked state
		Automatic 5 seconds /... / 30 seconds storage	After setting the time, lock the keyboard and save the locked state
21	Power on tone	Off/cue 1 /.../chord 3	Select boot tone
22	Scan Add/Del	Delete/add	Delete / Add Scan Channel
23	Roger	Off/on	Close/open closing tone
24	Boot screen	Display image	Display boot image
		Display voltage	Display voltage Volts
		Display information	Display the set information
25	Wait light	Off/on	Turn on / off the waiting light
26	Language	English / Chinese	Select display interface language
27	Voice sort	Close / Chinese / English	The choice of hom sound
28	DTMF TX	Off/on	Turn DTMF emission off/on
29	radio	Off/on	Turn the radio off/ on
30	reset	Parameter reset	Set the parameters of the mode and the full frequency to the factory settings
		Channel clear	Delete all storage channels
		Restore factory settings	Return to the last write frequency parameter

CTCSS/DCS

Sometimes you may only receive a call from a specific person, and ctcss/dcs allows you to not receive other calls from people who use the same frequency. You can choose from the 50 CTCSS and 105 DCS.

Digital services

Using the digital service function, the intercom alias display function can be realized, and the target intercom can display the name of the calling initiator.

In program software, channel information dig service select "Yes";

In digital configuration, tick to enable digit serve;

Enable Digit Serve ☑

Radio Group   Group 0

Radio Name   walkie tal

Radio ID   001

Speech Encryption[1000-8999]   4321

Private Call Hold Time[s]   10.0

Group Call Hold Time[s]   10.0

All Call Hold Time[s]   10.0

Display Speaker Name ☑

Group of this machine: only those with the same group can talk to each other. Local name: after setting, the receiver can display the name of the caller The password of voice encryption: 0001 — 8999 can be set, only the same password can be used for intercom.

Number / group / total call holding time: corresponding call holding time can be set.

Quick team

When a user initiates a team on the walkie talkie, when entering the same password, it can quickly synchronize multiple interphone devices in one channel, which brings great convenience when traveling in groups of multiple people.
Fast team operation method
Receiver
1: Long press the [9] key, and the interface will display "quick team receiver"
2: Press the [number 0-9] key to input the password until the three
digit password is input
Transmitter
1: Press and hold the PTT key to start the machine 2: Long press the [9] key, and the interface will display "quick team initiator" 3: Press the [number 0-9] key to input the password until the three digit password is input
4: Press the PTT key, and the communication mode of quick formation will be entered. This process takes about 2 minutes After the communication is completed, the transmitter exits the transmitting state and the receiver reboots. At this time, the same group of members can talk to each other.

Frequency counter function

The machine has the function of frequency measurement and decoding, which can be used to talk to other walkie talkies quickly
Operation method of frequency meter function
Press the * key to start the machine, and the "frequency measurement in progress..." will be displayed, and the frequency measurement function has been entered
Press and hold PTT key of the tested interphone to launch and then close to the local machine
The "frequency measurement completion" is displayed on the screen of the machine, and the frequency and sub sound are displayed in this opportunity
Press and hold PTT key of the machine to launch, and carry out intercom test confirmation
Press [*] again to carry out the next frequency measurement Save frequency and sub sound
Frequency measurement frequency and sub sound are saved to the current channel
Press the * key for a long time to hear the "drip" sound. At this time, the frequency and sub sound measured can be saved to the current channel Frequency measurement frequency and sub sound are saved to the specified channel
1: Press exit key for a long time to enter channel storage mode, and "OK to save" will be displayed on the screen
2: Rotate the [360 switch] or key to select the specified channel 3: Press menu to confirm channel storage

Trouble shooting

Problem	Resolvent
There is no power	The battery may be exhausted. Please update the battery or charge it. The battery may not be installed correctly. Please remove the battery and install it again.
Battery power does not last long after charging.	The battery life is up, please update the battery.
Cannot talk to other members of the group.	Confirm whether the frequency and sub audio signal tone you use are the same as other members of the group. Other members of the group may be too far away. Make sure you are within the range of other walkie talkies.
Other (non group) sounds appear on the channel.	Please change the sub audio. At this time, be sure to change the sub tone of

Warranty card

Model _____ Purchase date

Serial number _____

Seller _____ Tel _____

Username _____ Tel _____

Warranty Description:
1. This warranty card is kept by the customer as the warranty certificate and will not be replaced if lost.
2. This card must be sealed by the point of sale and fill in the date before it becomes effective.
3. This card shall not be altered. Please confirm that the serial number of the warranty card is consistent with the number of the purchased machine, Otherwise, it is invalid.
4. The warranty period is one year. The charger, battery, earphone, antenna and feeder are consumable, It is not under warranty.
5. Users can choose the following ways to get maintenance service:
a. At the original purchasing office.
b. Our company is in the local special maintenance point.
c.   Mail or visit our company in person.