

User's Manual

FM Transceiver

Dear user:

Welcome to use our handheld transceiver. We believe you will be pleased with using it in our daily life and work.

This transceiver adopts advanced technology, we hope you will be satisfied with its quality and functions. This transceiver will bring you convenient, fast, reliable two-way communication.

Notice:

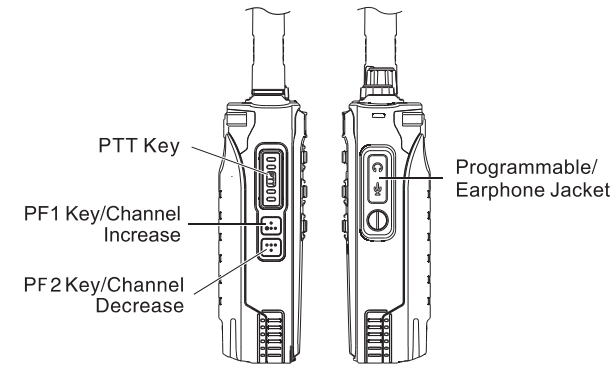
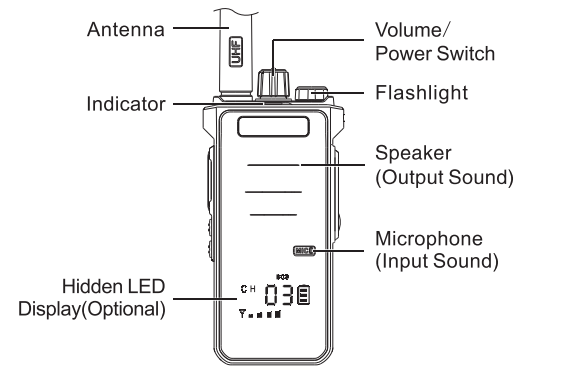
- Please read this manual carefully before using this transceiver.
 - Please DO NOT communicate or charge this transceiver in flammable, explosive and area where transceiver communication is prohibited(such as oil station, gas station, airport etc.)
 - Please do not operate this transceiver without licence in government laws banned areas.
- More details and questions please feel free to contact us.

Standard Package

Item	Quantity
Walkie Talkie	1
Li-ion Battery Pack 7.4V	1
Desktop Charger	1
Belt Clip	1
Hand Strap	1
User' s Manual	1

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Getting Start



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Read/Write Frequency Encryption

Available write frequency setting.

Frequency Hopping Function

Frequency hopping function is the digital subtone encryption function of walkie talkie. You can choose 4 groups of frequency hopping. Different frequency hopping can not be interoperable, must be under the same frequency hopping the radio can be interoperable.

CTCSS/DCS

Use software to set the CTCSS/DCS, when the channel set the function, they can talk only when the CTCSS/DCS is the same. If not, the indicator shows green light, but the two users can not talk. The CTCSS/DCS list is as follows:

CTCSS(Quantity: 50)

67.0	69.3	71.9	74.4	77.0	79.7	82.5	85.4	88.5	91.5
94.8	97.4	100.0	103.5	107.2	110.9	114.8	118.8	123.0	127.3
131.8	136.5	141.3	146.2	151.4	156.7	159.8	162.2	165.5	167.9
171.3	173.8	177.3	179.9	183.5	186.2	189.9	192.8	196.6	199.5
203.5	206.5	210.7	218.1	225.7	229.1	233.6	241.8	250.3	254.1

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DCS(Quantity: 116x2)

D017N	D023N	D025N	D026N	D031N	D032N	D036N	D043N	D047N	D050N
D051N	D053N	D054N	D055N	D065N	D071N	D072N	D073N	D074N	D114N
D115N	D116N	D122N	D125N	D131N	D132N	D134N	D135N	D143N	D145N
D152N	D155N	D156N	D162N	D165N	D172N	D174N	D205N	D212N	D217N
D223N	D225N	D226N	D243N	D244N	D245N	D246N	D251N	D252N	D254N
D255N	D261N	D263N	D265N	D266N	D271N	D274N	D305N	D306N	D311N
D315N	D325N	D331N	D332N	D343N	D345N	D346N	D351N	D356N	D364N
D365N	D371N	D411N	D412N	D413N	D423N	D425N	D431N	D432N	D445N
D446N	D452N	D454N	D455N	D462N	D464N	D465N	D466N	D503N	D506N
D516N	D523N	D526N	D532N	D534N	D546N	D565N	D606N	D612N	D624N
D627N	D631N	D632N	D645N	D654N	D662N	D664N	D703N	D712N	D723N
D731N	D732N	D734N	D743N	D754N	D765N				

D017I	D023I	D025I	D026I	D031I	D032I	D036I	D043I	D047I	D050I
D051I	D053I	D054I	D055I	D065I	D071I	D072I	D073I	D074I	D114I
D115I	D116I	D122I	D125I	D131I	D132I	D134I	D135I	D143I	D145I
D152I	D155I	D156I	D162I	D165I	D172I	D174I	D205I	D212I	D217I
D223I	D225I	D226I	D243I	D244I	D245I	D246I	D251I	D252I	D254I
D255I	D261I	D263I	D265I	D266I	D271I	D274I	D305I	D306I	D311I
D315I	D325I	D331I	D332I	D343I	D345I	D346I	D351I	D356I	D364I
D365I	D371I	D411I	D412I	D413I	D423I	D425I	D431I	D432I	D445I
D446I	D452I	D454I	D455I	D462I	D464I	D465I	D466I	D503I	D506I
D516I	D523I	D526I	D532I	D534I	D546I	D565I	D606I	D612I	D624I
D627I	D631I	D632I	D645I	D654I	D662I	D664I	D703I	D712I	D723I
D731I	D732I	D734I	D743I	D754I	D765I				

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- 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.

Warranty Card

Model Number: _____

Serial Number: _____

Purchasing Date: _____

Dealer: _____ Telephone: _____

User's Name: _____ Telephone: _____

Address: _____ ZIP Code: _____

Warranty instructions:

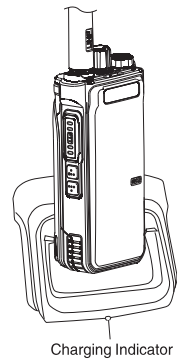
1. This warranty card shall be kept by the customer as a warranty certificate and will not be made up for loss.
2. This card must be covered by the point of sale and the date of completion before it can take effect.
3. This card may not be modified, please confirm that the warranty card series number is consistent with the purchase radio number, otherwise it is invalid.
4. The warranty period is one year, chargers, batteries, earphones, antennas and feeder are consumables and are not covered by warranty.
5. Users can choose the following channels to obtain maintenance services:
 - a. Handle it at the original purchase office.
 - b. Our company is at the local special maintenance point.

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Charging Instructions

Charging mode

The walkie talkie is inserted into the charging slot, at which time the charger lights on the red light to indicate that the charging begins, and the green light indicates that the battery charging is saturated. (As shown in the picture)



Basic Operation & Functional Introduction

Hidden LED Display Function(Optional)

Hidden LED Display will show you the Channel, battery also CTCSS/DCS code and signal.

Power on/off

Turn the volume switch potentiometer clockwise to hear the "cut" sound means the power is on, rotate the volume switch potentiometer counterclockwise, and hear the "cut" to indicate that the power is off.

Call

Hold the PTT key launch, the indicator light on the red light, at this time speak to the microphone, your partner will hear you clearly. After speaking, release the PTT key, receive the other party's information, the green light indicator lights up at the same time.

Increase/Decrease the Volume

When you twist it on the clockwise is increases, on the counterclockwise is decreases.

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Channel Regulation

Press PF1/Channel Increase key, channel increase in turn, press PF2/Channel decrease key, channel decline in turn.

Battery Voltage Shortage Reminder

When the walkie-talkie gives a voice prompt, "Please Charge." When the indicator on red light, it indicates that the battery voltage is lower than the working voltage. Please charge the walkie talkie.

Voice Control Turns on

Hold with set sound control PF1/PF2 side key to turn on VOX function, repeated operation to adjust the sound control level. Set the higher level means the speak sound you use would be lower. It turns off when you hear a "Dee".

Monitor Turns on

Press and hold the side key that has the monitor function for 2 seconds to turn on the monitor. Release key to turn off the monitor function.

Flashlight Turns on

Hold down the side key set in the flashlight function for 2 seconds, turn on the flashlight, and repeat operation to turn off the flashlight.

Alarm Function Turns on

Hold down the side key set in the Alarm Function for 2 seconds, turn on the alarm function. And then press the PTT key to turn off the function.

Channel Lock

Hold with channel lock function key for 2 seconds, hear "Dee" means turn on the channel lock function, the channel can not be change at that time. And repeat operation to turn off the function.

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Technical Index

General	
Frequency Range	420-430MHz / 440-450MHz
Channel Capacity	16
Channel Spacing	12.5KHz/25KHz
Operated Voltage	DC7.4 V
Battery	2800mAh Li-ion Battery
Battery Life	(5-5-90 duty cycle) About 8 hours
Frequency Stability	±2.5ppm
Operated Temperature	-30°C~+60°C
Antenna Impedance	50Ω
Dimensions (L×W×H)	119*54*37mm(without antenna)
Talking Range	Apx 5-8km
Power Output	5W

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FCC Statement

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.

NOTE 1: 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, 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.

NOTE 2: Any 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 radio is designed for and classified as "Occupational / Controlled

Use Only", meaning it must be used only during the course of

employment by individuals aware of the hazards, and the ways to

minimize such hazards; NOT intended for use in an General population

/uncontrolled environment.

- 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.

- 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.

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