

# USER'S MANUAL

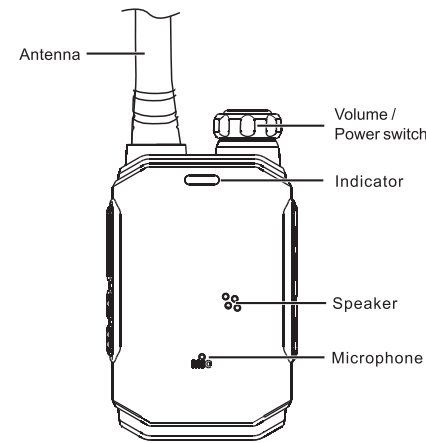
Thanks for purchasing two-way-radio. This transceiver offers reliable, clear and efficient telecommunication service. Using compact design for more easier to carry. We believe this easily used machine will provide you the reliable communication.

## Come with radio

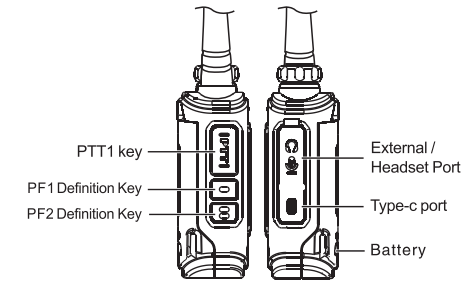
Item	Quantity
Two way radio	1
Antenna	1
Battery	1
Charger	1
Belt clip	1
Hand strap	1
User's manual	1

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## Familiarity with the radio



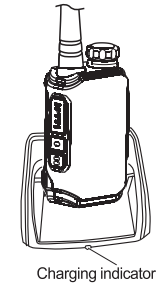
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## Charging Instructions

### Charging Mode

The walkie-talkie is inserted into the charging slot of the charger, as shown in the figure, at this time the charger lights up red to indicate charging, and the green light is on to indicate that the battery charging is saturated. You can also charge the walkie-talkie through the Type-C port, which lights blue when charging, and turned green when fully charged.



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## Basic operation and function descriptions

### Power on/off

Press and hold the PTT button to transmit, and the indicator light will be red. At this time, speak into the microphone hole, and the other party will hear your voice. After speaking, release the PTT button to receive the other party's speaking information. When receiving the other party's voice, the green indicator light will be on at the same time.

### Volume Up/Down

Turn the volume switch potentiometer clockwise to increase the volume, and counterclockwise to decrease the volume.

### Channel Adjustment

Short press PF1, channel increase.  
Short press PF2, channel decrease.

### Battery Voltage Reminder

When the walkie-talkie reports the voice prompt "Please change the battery", it means the battery voltage is lower than the working voltage, please charge the walkie-talkie in time.

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## Squelch

Press the side key with monitor function to turn on it, release the key to turn off that.

## Hands-Free Start

Press the side key with voice control function to turn on and off the voice control function.

## Power Switching

Press the side button of the power switching function to turn on the power switching.

## Scanning Start

Press the side button of scanning function to turn on the scanning function, the scanning mode can choose two modes of carrier and time, repeat the operation to turn off the scanning.

## Frequency hopping function

The frequency hopping function is the digital sub-tone encryption function of the intercom.

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## CTCSS ( 50 in total )

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

## DCS ( 116\*2 in total )

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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## Technical specifications

Waveband	
Frequency range	430-440MHz
Number of channels	16
Audio Distortion	<5%
Frequency Stability	±2.5ppm
Maximum Frequency Bias	≤5KHz/≤2.5KHz
Spurious Radiation	≤7uW
Modulation Method	FM
Reference Sensitivity	≤0.25uV/≤0.3uV
Squelch-On Sensitivity	≤0.2uV/≤0.25uV
Neighbor Channel Selectivity	≥65dB
Spurious Response Suppression	≥55dB
Intermodulation	≥60dB
Current	≤1.3A
Operating Voltage	3.7V DC

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## Warranty Card

Model Number: \_\_\_\_\_  
 Serial Number: \_\_\_\_\_  
 Purchasing Date: \_\_\_\_\_  
 Dealer: \_\_\_\_\_ Telephone: \_\_\_\_\_  
 User's Name: \_\_\_\_\_ Telephone: \_\_\_\_\_  
 Address: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

### Warranty instructions:

- This warranty card shall be kept by the customer as a warranty certificate and will not be made up for loss.
- This card must be covered by the point of sale and the date of completion before it can take effect.
- 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.
- The warranty period is one year, chargers, batteries, earphones, antennas and feeder are consumables and are not covered by warranty.
- Users can choose the following channels to obtain maintenance services:
  - Handle it at the original purchase office.
  - Our company is at the local special maintenance point.