



**SANZUCO**

# User Manual

simple operation makes  
communication more easier

## ACCESSORIES LIST

Pls unpack the transceiver carefully and check the package again to make sure there is no listed items as below inside before you discard it .Should any items have been missed or damaged during shipment ,please contact distributor immediately.

## ACCESSORIES LIST

Description	quality
Antenna	1 pc
Battery Pack	1pc
charger	1 pc
Adaptor	1pc
Belt clip	1pc
Screw	1pc
Earpiece	1pc
User Manual	1pc



Earpiece



Battery Pack



Antenna



charger



Adaptor



Beltclip



User Manual

## KNOW THE RADIO

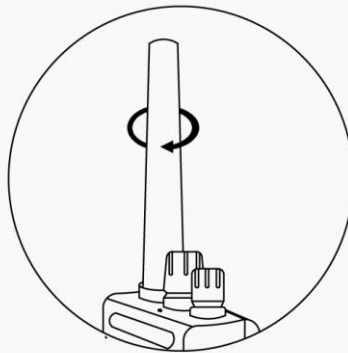


**PREPARATION :**

Install the antenna

Rotate the antenna clockwise till tight (the antenna in picture only for reference)

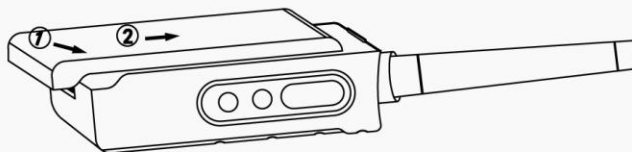
Rotate the antenna counterclockwise to remove it.



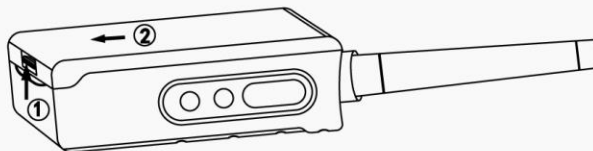
Note: Don't hold the machine by antenna or hang the keychain and earphone on it,

since they will spoil the antenna and reduce the performance of the machine.

### **INSTALL LITHIUM BATTERY PACK**

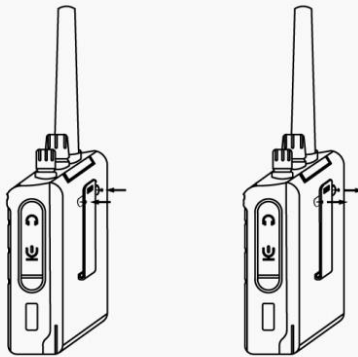


### **UNFOLD THE BATTERY**



## INSTALL THE BELT CLIP

If necessary, installing the belt clip with 3\*6 Screws to fix it.



### Notes:

1. When installing the belt clip, do not use any glue to fix crew or it will be bad for casing. casing.

**CHARING:**

The lithium battery pack is not charged from the factory, please charge it before using . When used for the first time after purchased or stored over two months, the capacity of battery pack is less than normal. However, it will return to normal after charged and discharged for 3 times. Charge in power-off mode, the indicate red light is on, and it turn green when finished.

**CHARGING STEPS AS BELOW :**

- 1.Insert the AC adaptor line to the charging hole;
- 2.Connect the power with AC adaptor;
3. Put the Nimh battery or Radio with battery on the desk top.

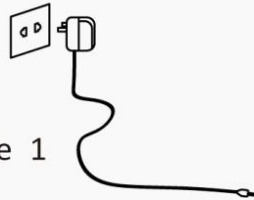


Figure 1



Figure 2



Figure 3

**NOTES:**

1. Once be fully charged , please take it away from the adaptor;
2. Do not short-circuit the battery terminals or dispose of batteries in fire;
3. Do not unload the battery rear case;
4. Pls keep the charging ambient temperature be +5°C to +40°C.



## **FUNCTION OPERATIONS :**

### **Turn On / Turn Off**

Turn on the radio by rotating "Power/Vol" Clockwise . When hearing the sound "Di". it means the radio is on ; Turn off the radio by rotating it counterclockwise until a " ka" sound is heard .

### **VOLUME ADJUSTMENT**

"Power/Vol" Knob clockwise to increase the volume, or counterclockwise to decrease it .

### **CHANNEL EXCHANGE**

There are 16 Channels for you to select by Rotating the Channel knob clockwise or counterclockwise;

### **TRANSMITTING**

Press {PTT}and red indicator flashes ,then transmitting the information and release;

### **MONITOR**

Press {Monitor Button}to turn on the Squelch, press again to turn off;  
It is also very helpful when you want to adjust the volume lever

### **GROUP TALK FUNCTION**

No matter which Channel you are in ,press Group Talk Button and speak enable you to deliver information to all radios simultaneously;

The default Group No. is 16. If you want to change to another ,please follow below steps:

1. Press the Group Channel Button and turn on the radio, you will see the green light flashing ;
2. Rotate the Channel No. knob, and choose the No. you want ;
3. Press the Group Channel Button again to finish;

### **POWER SAVING**

Power saving function will be on when there is no signal or any operation work for 6 seconds . Open the PC software to decide whether you will choose the power save or not .

### **BUSY CHANNEL LOCK-OUT**

Busy Channel Lock-out function can be turned ON/ OFF with program software on every channel.

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 our transceiver to emit an alert tone and transmission will be inhibited . Release the PTT switch to stop the tone and return to receive mode.

### **QT / DQT**

You may sometimes want to hear calls from only specific persons or groups. In this case,use the selective call which allows you to ignore unwanted calls from other persons who are using the same frequency.(Can be turned ON/ OFF with program software)

### **NOTE:**

It only relieves you from listening to unwanted conversations ,but do not cause your conversation to be private and scrambled.

### **LOW BATTERY ALERT**

When you hear a sound " Please Charge ", remind you to recharge or replace the battery;

### **ORAL CHANNEL INDICATOR FUNCTION**

This radio have Oral Report Channel Function ,it it very useful for you to know your channel No. in dark. Open the PC software to turn on / off ;

## TECHNICAL PARAMETERS

<b>Problem</b>	<b>Solution</b>
No power	The battery may have been exhausted. Please recharge or replace the battery pack. The battery pack may not be installed correctly. Please check and install it again.
No signal received	Make sure you are using the same frequency and CTCSS tone. Make sure you are in the radio's operation range; Make sure the squelch level is not too high; Check if the battery is exhausted or not ;
Unable to talk or hear members in your group	Make sure you are using the same frequency and CTCSS tone as other members in your group. Other group members maybe too far away from you , make sure you are in the radio's operation range.
Battery lasts in a Short time after charging	Make sure the battery is fully charged .If the battery pack can not function any longer. Please replace it with a new one.
The other group member's voices are present on the channel	Please change the frequency. Make sure to change CTCSS signal of all transceivers in your group;
The voice is not clear and loud	Adjust the volume first and check whether the MIC is blocked

### TECHNICAL PARAMETERS

Frequency Range	(406.1-470 MHz)
Memory Channel	16
Operated Temperature:	-30°C+60°C
Modulation:	F3E
Operated Voltage:	3.7V
Frequency Stability:	±2.5ppm
Sensitivity:	≤0.20 Uv
Power Output:	2W
Audio Power :	500mW
Emission current:	≤1.5A
Residual Radiation :	<-60dB
Max Frequency Deviation:	≤ ±2.5KHZ
Standby current:	≤46mA
Weight:	184g
Size:	52 x 100 x 33 mm

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## **THANK YOU**

We are grateful for your choice of our transceiver. We believe that this simple and novel transceiver will provide dependable and cost-effective communications for you. Our professional two way radios incorporate the latest in advanced technology and craft. So you will be pleased with the quality and features of our products. Please read the manual carefully to ensure you know how to properly operate the radio before use. Should there is any problem, pls feel free to contact us .



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