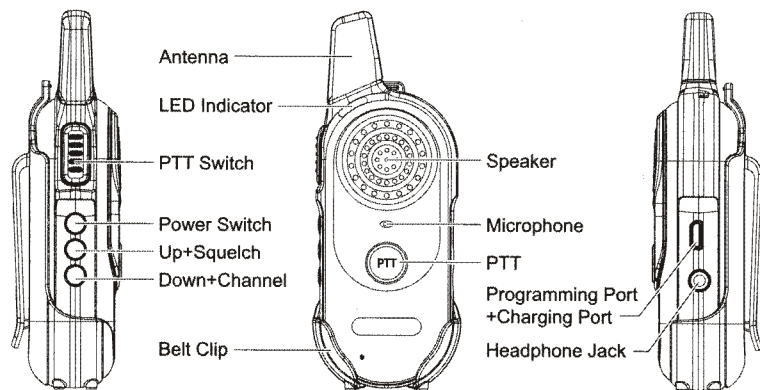


mini TWO-WAY RADIO

USER'S MANUAL

FAMILIAR WITH THIS RADIO



01

□ Voice Guide

There is voice guide when power on or select channels, you can use PC software to program it as Chinese or English.

□ Lower Power Alert

If the radio battery power is low, the radio will sound the low power announcement "Please charge the battery".

□ Squelch Level

It means the signal strength to open receiver, 0-9 levels can be programmed by PC software. Level 9 signal strength is strong than level 1, it will always open squelch if set to level 0.

□ Time out Timer

This function is to prevent any person from using the channel for an extended period of time. If you continuously transmit for 300 seconds, the radio will stop transmitting and a tone will sound. To stop the tone, release PTT and press PTT again to resume transmitting. There is OFF 30s 60s 90s. 300s can be programmed by PC software.

04

□ CTCSS/DCS

Some channels may have pre-programmed CTCSS/DCS, it is a sub tone which allow you to ignore calls from others who are using the same channel. When you receive a signal that have a tone different from the one set up in your radio, you will not hear the signal. Likewise, signals that you transmit will only be heard by those whose CTCSS/DCS matches the tone set up in your radio.

□ Power Protection Function

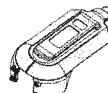
When you are using or repairing the unit normally, the working voltage is lower or higher than the normal power supply of the radio due to improper power supply, the radio will be prohibited from transmitting. When the low voltage is less than 3V or the high voltage exceeds 5V, it cannot be transmitted. If the voltage is higher than 5 then do not boot.

05

ACCESSORIES



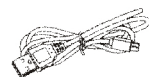
Strap



Belt Clip



Charger



Charging Cable



User's Manual

02

BASIC OPERATION

□ Power Key and Function Key

In the off state, long press the power button 3S to turn on; in the power-on state, long press the power button 3S to turn off.

□ Up Key + Squelch Key

In the power-on state, short press this button to default to the volume/channel plus one grid, long press is monitor function.

□ Down key + channel key

In the boot state, press this button for a short time and the volume will be reduced by one. Press and hold for 3 seconds to enter the channel selection function.

Tip:

1. When the [PTT] switch is pressed, the LCD indicator glows red to indicate the start of transmission
2. If the LCD indicator flashes red, the battery is low.

03

SPECIFICATION

GENERAL	
Frequency Range	400-470MHz
Channels	16
Operating Voltage	DC 3.7 volt
Antenna Impedance	50 ohms
Operating Temperature	-20°C ~ +60°C
Operating Type	Simplex Communication
Battery	1100mA
Size	96×55×22 mm

06

TRANSMITTING

Output Power	3W
Modulation	FM (F3E)
Frequency Offset	≤5KHz
Residual wave radiation	<-60dB
Prepositive	6dB
Electric Current	≤1000mA

RECEIVER

Sensitivity	≤0.16μV(12dB SINAD)
Squelch Sensitivity	≤0.2μV
Intermodulation	50dB
Audio Power	≥300mW
Receive Current	≤100mA
Standby Current	20mA

07