

Optional Functions

Time Out Timer(TOT)

The purpose of the TOT is to prevent any single person from using a channel for an extended period of time.If the transmission continues beyond the set time,the transceiver will stop transmission and give out alarms.To stop the alarms,please release the PTT switch and the transceiver will resume to the state of standby.

Battery Power Saving

The radio would reduce its power consumption if there is no signal or no operation.When the channel is unoccupied or no operated for more than 10 seconds,the battery power-saving function is activated. When signal is received or with operation,the battery saving function would be off automatically.

Low Battery Warning

If the battery power falls to the predetermined value during transmission, the status indicator will flash red. Please replace the battery or charge it!

Optional Functions

Monitor

This operation is useful when you want to adjust the volume level or need to receive weak signals. When long press the monitor key, the status indicator is green.

CTCSS/DCS

The purpose is to avoid the mutual interference among different users, to avoid hearing the irrelevant calls and the interference signals.

Alarm

The alarm function has local alarm and remote alarm,which can be selected by the writing frequency software.

VOX

VOX is a function that voice can be launched without pressing the PTT key. VOX gain inversion level refers to the voice sensitivity,it has level 1-9!

Optional Functions

Keylock

When power on, long press [Channel +] [Channel -] keys, open the keyboard; operate it again, lock the keyboard.

Voice Prompt

The function is convenient for you to know the current channel of the radio when you are using at night or in the dark.

Busy Channel Lockout

The function can prevent interfering other intercom calls from the same channel.

CDCSS Mode

It is valid only when you set the CDCSS on the channels. This function has two selections: "normal signaling" and "special signaling". Normal Signaling refers to the CDCSS codes on the channels is ordinary codes, we can talk to each other with the same CDCSS; Special Signaling refers to the CDCSS codes on the channels is special processed codes, only with the same CDCSS and while setting a special signaling, then we can talk to each other.

Attaching & Removing the battery



Technical Parameters

General	
Frequency Range	482.1500-482.1250MHz
Rated Voltage	48.7.5625-48.7.7125MHz
Antenna	Internal antenna
Dimension	136*56*22mm
Weight	90g
Transmitter	
Output Power	2W/0.5W
Modulation Mode	FM(F3E)
Spurious Radiation	<-60dB
Preemphasis Character	60dB
Emission Current	<1000mA
Receiver	
Sensitivity	≤0.16uV(12dB SINAD)
Squelch Sensitivity	≤0.2uV
Immune to Interference	50dB
Audio Power	≥300mW
Receiving Current	≤100mA
Standby Current	20mA

USER'S MANUAL

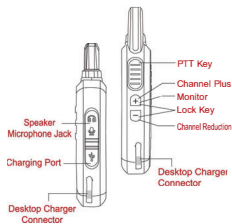


- Keylock
- Strong anti-interference
- Super receiving
- Shatter-resistant and dustproof
- Special signaling
- Scan, VOX and alarm
- Chinese/English voice prompt

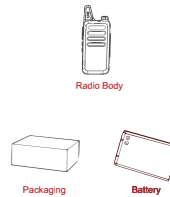
Function Operation



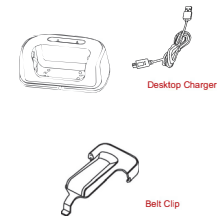
Function Operation



Standard Accessories



Optional Accessories



FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

SAR tests are conducted using standard operating positions accepted by the FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC/ISED that it does not exceed the exposure limit established by the FCC/ISED Tests for each product are performed in positions and locations as required by the FCC/ISED.

For body worn operation, this device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product or when used with and accessory that contains no metal.

To maintain compliance with the FCC/ISED's RF exposure guidelines, hold the transmitter and antenna at least 1 inch(2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC/ISED RF exposure requirements, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk (PTT) Button is pressed.

The device is authorized to operate at a duty factor not to exceed 50%.

Note: 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, 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.
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