

# Watch Walkie Talkie User's Manual



Thanks for your choosing watch walkie talkie ! Please read this manual carefully to comprehend for using the device more conveniently.

## Feature

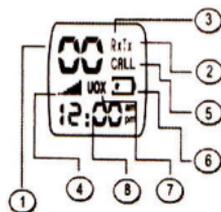
- Wrist Watch Style
- Multi Channels (Channels depend on different countries)
- Up to 6.0 KM of Range based on terrain or environment of flat, open, and outdoor without any obstacle.
- Up to 2.0 KM of Range based on terrain or environment of buildings,trees or residential building.
- Up to 1.0 KM of Range based on terrain or environment of dense forest, mountains, or inside some building.
- One to One, One to Many Communication Function
- Auto Squelch
- Auto Battery Saving Model
- Internal VOX for easy Hands-Free Operation
- Channel Scan
- 12 Hour AM/PM Digital Display
- Backlit LCD Display
- Battery capacity indication and Low-battery alarming function
- Lithium Ion Battery Power Source



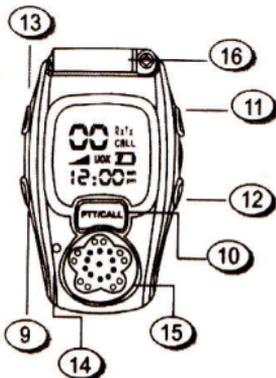
## LCD Screen

1. Channel Number-Displays current channel
2. Transmit Indicator (TX)-Indicates when unit is transmitting.
3. Receive Indicator (RX)-Indicates when unit is receiving transmissions

4. Volume Selection (8 Bars) – Shows current Volume
5. Call Tone Transmission (CALL)-Indicates When unit is paging.
6. Battery Level indicator-Indicates when battery is low or when charging the battery.
7. VOX-Indicates when unit is in VOX mode
8. 12-Hour Time(12:00)



## Buttons and Controls



9. Power/Menu (Multi Function)-Press and hold to turn unit ON/OFF. A quick, single press accesses the Menu and Watch setting.
10. Red Button (Multi Function) – Press and hold to transmit voice communication. Press twice in a rapid action to transmit call tone.
11. Up-Adjusts volume level (default), and makes channel and watch adjustments in Menu mode.
12. Down-Adjusts volume level (default), and makes channel and watch adjustments in Menu mode.
13. Scan-Press to enter Channel Scan.◦
14. MIC – Built-in Speaker
15. Speaker – Built-in Speaker
16. Antenna

## Note

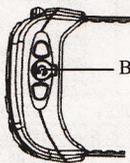
This device complies with telecommunication management standard. Operation is subject to the following conditions :

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may require undesired action.
3. Changes or modifications to this unit not approved by manufacturer , could void your right to operate this unit. Your communicator is set up to transmit a regulated Signal on an assigned frequency. It is against the law to alter or adjust the settings inside the communicator to exceed those limitations. Any adjustment to your communicator must be made by qualified technicians.
4. Never use this device in the danger zone and zone be prohibited by law.
5. Never use cleaners or solvents to clean your device. which may cause permanent damages. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water.
6. Hold the transmitter at least 5 inches from your mouth and speak in normal voice, with safety levels from your face to maintain good communication quality. Use antenna to get well communication quality.
7. This device is supplied by power source 3.7V/600mAH Lithium-Ion battery. Please recharge the battery when the power is low. Please take off the battery if the device is not used for a long time. And the battery needs to be recharged for every 6 months.

## To install and replace the battery

Each watch walkie talkie has one Lithium-Ion battery, the methods for installing and replacing are as following:

1. Release the Battery Compartment Cover Latch located on the back side of the unit, and remove the cover from Battery Compartment.
2. Install the Lithium-Ion battery into the Battery Compartment. Be certain to follow the correct orientation in the compartment. A Battery installed incorrectly can prevent the unit from operating.
3. Replace the Cover and lock the battery Compartment Cover Latch into position.



Battery-Cover



Lock the cover

**Special note: Please recharge the battery in time to prolong the battery life!**

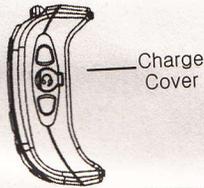
### Charging the battery

Please recharge the battery 6hours before the initial use because the new battery is not full of power, from then on it needs 3-4 hours recharging time to make it full each time. The LED light turns from red to green when the battery is full of power. It can be used for 12hours. The standby time is 48hours.

In Watch and Communicator Mode the Low Battery Level icon will not appear on the display unless the unit detects that the battery is low. The unit has a Low Battery Level icon which will appear when it detects a low battery level in Communicator Mode, and in Watch Mode. When the unit is in Communicator Mode and the battery level is low, the icon will appear for approximately 15 seconds and then will automatically change to Watch.:

1. Connect the A/C Adapter Charger into an A/C Wall outlet.
2. Lift the Headset/Charger Jack Cover located on the side of your unit.

3. Insert the A/C Adapter Charger into the Headset / Charger Jack..
4. Install the battery again if the icon is still exist for the low power.



**—Caution—**

**The Lithium-ion Battery for this unit is equipped with a special charger; do not use other chargers to charge the battery.**

- ◆ To prolong the battery life, please charge the battery in time, or the battery is excessive discharge, the device may stop working, and it had nothing in the screen. Even the battery may be damaged.
- ◆ The communicator comes with internal battery protection; however, during long-term storage, it is strongly recommended that you recharge the battery every 6 months or remove the battery if the unit will not be used for a long period of time.
- ◆ The battery is consumables, please contact with the seller if you intend to replace the battery or to buy stand-by battery for the walkie talkie watch.

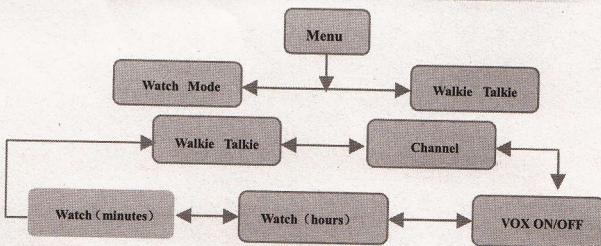
**Operation**

1. The device will automatically go to communicator mode when the battery is installed.
2. The watch segments and channel icons will be displayed on the LCD during this mode. Press the Menu key for about 3 seconds to enter the Watch Setting Mode,

a short key beep tone will be locally generated when the Time Setting mode is engaged.

3. Check the state of power in the LCD(It means shortage of power when Low Battery Level icon displays on the screen).
4. Press the up or down key to adjust the voice(8 volume levels).

#### Guide for the menu



#### To set up Communicator Mode & Watch Mode

1. This device will automatically go to communicator Mode once the battery is installed, the watch segments and channel icons will be displayed on the LCD during this mode. Press the Menu key for about 3 seconds to enter the Watch Setting Mode; to return back to Watch Mode just need pressing Menu key for 3 seconds again, at this time the Communicator Mode Icon would display on the screen.
2. In Watch Mode, the Hour segment will flash in the LCD Display .
3. In Watch Mode, press Menu Mode to return back to Communicator Mode.

### **To set up Menu Mode**

1. In Communicator mode, enter to Menu mode by pressing the Menu key repeatedly until a short key-beep tone is heard, with icon flashing.
2. The unit automatically times out of Menu mode and enters Communicator mode in 8 seconds.
3. Select the aim menu, and press up or down to set up communicator mode or watch mode as the segment icons flashes.
4. Press PTT/Call can automatically cancel Menu Mode. Return back to communicator mode.

### **To set the time**

**This device has a 12-hour (AM/PM) Time Clock, which can be set as follows:**

1. In Communicator mode, enter to Menu mode by pressing the Menu key repeatedly until a short key-beep tone is heard. When the Setting mode is engaged, the Hour segment in the LCD Display will flash.
2. Press the Up or Down key to increase or decrease the Hour number displayed, a short key beep tone is generated at each key press. The Time Setting will cycle within 12 am and 12 pm. To engage auto-repeat, press and hold the Up or Down key.
3. Advance thru the Menu by pressing the Menu key briefly until the Minutes Segment is flashing, A short key beep tone will be generated.
4. Press the Up or down key to increase or decrease the Minutes number displayed, a short key beep tone is generated at each key press. To engage auto-repeat, press and hold the Up or Down key.
5. Exit the Menu mode to return to Communicator Mode, by pressing the Menu key briefly or the unit will automatically time out of Menu mode and enter communicator Mode about 10 seconds after the last key is pressed. Your communicator has a built in Menu function that makes accessing its advanced features easy.

### Choose a channel

**This device has multi Channels for communicating with others. To choose one:**

1. In Communicator Mode or Watch model, press the menu key briefly a key beep tone is locally generated and the Channel number on the LCD Display will flash.
2. Press the Up or Down key to reach higher or lower Channels.
3. Auto-repeat is engaged by pressing and holding either the Up or Down Key, you'll hear a standard key beep with each channel change.
4. To exit the Menu, press the Red Button.

### Channel Scan

**To scan the whole channels of the Communicator for any activity:**

1. Press the Scan key found on the side of the unit. Once engaged, the unit will start to rapidly scan the whole channels of the communicator for any activity. The unit will pause on an active channel for 4~5 seconds before resuming Scan function.
2. To exit the Scan mode, press the Red button.

### Transmitting and Receiving

**To use your communicator to communicate with others:**

1. In Communicator Mode, the unit is continuously in RECEIVE mode.
2. Press and hold the Red Button and speak as you normally would, holding the microphone about 2~3inches away from your mouth.
3. When you finished speaking, release the Red Button. You are now ready to receive incoming transmissions. While receiving transmission, the RX icon appears on the display.

### Sending a Call Alert Tone

To send a Call Alert Tone, Press the Red Button<PTT/CALL> twice in a rapid action. The Call Alert Tone will be automatically transmitted for a factory-set fixed length of time. During transmission, the Call icon<TX> + <CALL> appears on the display. You'll hear a brief Call Alert Tone to confirm operation. The communicator returns to standby mode when the Call Tone sequence is completed. For optimum performance, please make sure the ANTENNA is pointing upright.

### To adjust VOX level

1. Enter to Menu mode. Advance through the Menu until the VOX icon appears on the display.
2. Press the Up or Down key to toggle between on and Off function of the VOX. When VOX feature is on, the VOX icon will appear on the LCD display.
3. To exit the Menu, press the Red Button.

### Voice Operated Transmission (VOX)

This device is equipped with an adjustable Voice Operated Transmitter(VOX) that can be used for automatic voice transmission. In this convenient mode, transmission is automatically initiated by speaking into the microphone. There is no need to push the Red Button.

### Use the Ear Bud

1. Set your communicator to VOX Mode;
2. Lift the headset/Charger jack Cover Located at the side of your unit ;
3. Insert the Ear Bud Jack into the headset Jack. Wear the Ear bud and adjust the Microphone location;
4. Press the PTT call key to speak;
5. Speak to the microphone directly if the VOX function is on.

### The Backlit Display Feature

The device's LCD backlight display automatically lights up for 5 seconds with the press of any key.

### Talking Range

This product is civilian walkie talkie, the maximum talking range can up to 6 KM in the accessibility open area. But the signal of Tx and Rx will be affected in the different environment when you use.



#### Optimal range

Talking range can up to 6KM in the flat, open area.



#### General range

Talking range will be weakened in the forest, building or glass block.



#### Minimal range

When you used in mountain, forest, building wall block, in the lift or high-speed train, the talking will be block.

### Specification

Power Source	3.7V/600mAH Lithium-Ion Battery
Output Power (TX)	0.5W ERP maximum
Battery Life	3Years
Range	≤6.0 KM

### FAQS and Solutions

FAQS	Solution
No power	<ul style="list-style-type: none"> <li>•Check the battery. Ensure that the battery is installed properly.</li> <li>•Recharge your battery by using the A/C Adapter Charger</li> <li>•Your battery may be damaged. Replace old battery with a new Lithium-Ion battery.</li> </ul>
Weak Reception	<ul style="list-style-type: none"> <li>•Press the UP button to increase VOLUME.</li> <li>•The receiving signal may be weak and/or out of range.</li> <li>•Check the antenna position. For optimum performance, please make sure the antenna is pointing uprightly.</li> </ul>
Cannot Change Channels	<ul style="list-style-type: none"> <li>•Change channels: press the MENU key until the channel number flashes on the LCD Screen.</li> <li>•Press the UP or DOWN key to change channel.</li> <li>•Battery may be weak.</li> </ul>
Range Is Limited	<ul style="list-style-type: none"> <li>•Battery may be weak. Recharge battery if the BATTERY LEVEL indicator is low.</li> <li>•Range varies depending on terrain and environment.</li> <li>•Open fields provide maximum range; steel/concrete. Structures, heavy foliage, and operation in buildings and..</li> <li>•Check the antenna position. For optimum performance make sure the antenna is pointing upright.</li> </ul>
Sound Distortion	<ul style="list-style-type: none"> <li>•When transmitting, hold MICROPHONE 2 to 3 inches from mouth and speak normally.</li> <li>•When receiving, lower volume to a comfortable level.</li> <li>•Communicators must be at least 10 feet apart.</li> <li>•Communicators are too far apart. Obstacles interfere with Transmission. Talk range is up to 6.0 kilometers in clear unobstructed conditions.</li> </ul>

### Channel and Frequency (MHz) Chart

P.R. China, including Hong Kong, Macao (20Channels)

Channel Frequency	Channel Frequency	Channel Frequency	Channel Frequency
1 409.7500	7 409.8250	13 409.9000	19 409.9750
2 409.7625	8 409.8375	14 409.9125	20 409.9875
3 409.7750	9 409.8500	15 409.9250	
4 409.7875	10 409.8625	16 409.9375	
5 409.8000	11 409.8750	17 409.9500	
6 409.8125	12 409.8875	18 409.9625	

USA (GMRS): (22Channels)

Channel Frequency	Channel Frequency	Channel Frequency	Channel Frequency
1 462.5625	7 462.7125	13 467.6875	19 462.6500
2 462.5875	8 467.5625	14 467.7125	20 462.6750
3 462.6125	9 467.5875	15 462.5500	21 462.7000
4 462.6375	10 467.6125	16 462.5750	22 462.7250
5 462.6625	11 467.6375	17 462.6000	
6 462.6875	12 467.6625	18 462.6250	

Europe (PMR): (8Channels)

Channel Frequency	Channel Frequency	Channel Frequency
1 446.00625	4 446.04375	7 446.08125
2 446.01875	5 446.05625	8 446.09375
3 446.03125	6 446.06875	

USA, Taiwan (FRS): (14Channels)

Channel Frequency	Channel Frequency	Channel Frequency	Channel Frequency
1 467.5125	5 467.5625	9 467.6125	13 467.6625
2 467.5250	6 467.5750	10 467.6250	14 467.6750
3 467.5375	7 467.5875	11 467.6375	
4 467.5500	8 467.6000	12 467.6500	

Korea (25Channels)

Channel Frequency	Channel Frequency	Channel Frequency	Channel Frequency
1 448.7500	8 448.8375	15 448.9250	22 449.2250
2 448.7625	9 448.8500	16 448.1500	23 449.2375
3 448.7750	10 448.8625	17 449.1625	24 449.2500
4 448.7875	11 448.8750	18 449.1750	25 449.2625
5 448.8000	12 448.8875	19 449.1875	
6 448.8125	13 448.9000	20 449.2000	
7 448.8250	14 448.9125	21 449.2125	