

Freetalker Manual

RD-008B



CONGRATULATIONS!

You have purchased one of the smartest and smallest devices with a unique hand-flexing operation feature. The lightweight and compact wrist watch style device can be operated conveniently with a simple flex of your wrist. Its ideal to stay connected with family or friends at parks, shopping malls, sporting events, concerts-virtually any indoor or outdoor activities.

Key features about this device:

- Multi Channels
- 38 CTCSS, 83 DCS sub-channel
- Duplex(range extender)
- Up to 6KM Range
- Wrist Watch Style with Adjustable Band
- Scrambler function
- Compander function
- TOT function
- Power off resume
- Low battery checking
- Auto Squelch
- Auto Battery Saving
- Internal VOX (3 adjustable voice volume)
- Channel Scan
- Digital clock(12/24 Hour mode)
- 10 mode of call tone
- Reminding tone after transmission over
- LCD Display
- Lithium-Ion Battery with charger



Read this Owner's Manual carefully and you'll get the most out of your two-way wrist watch communicator.



LCD Screen

1. Channel Number, Displays current channels
2. CTC: display 38 CTCSS/83 DCS sub-channel
3. Battery Level indicator: display battery status

4. Time: will display time mode
5. Channels: Display channels
6. Volume level: Adjustable 8 volume level
7. Receive Indicator (RX)-Indicates when unit is receiving transmissions
8. Transmit Indicator (TX)-Indicates when unit is transmitting.
9. Channel scan
10. Alarm clock
11. Call Tone Transmission (CALL)-Indicates When unit is paging.
12. Key lock: it displays when lock key
13. VOX-Indicates when unit is in VOX mode
14. Date: displays Year/month/date
15. AM/FM: If time is 12Hour mode, will display AM/FM
16. Week: displays week



Buttons and Controls

17. Scan-Press to enter Channel Scan.
18. MIC-Built-in microphone.
19. Speaker-Built-in speaker
20. Power / Menu (Multi Function) - Press and hold to Turn unit ON/OFF. A quick, single press accesses the Menu and Watch setting.
21. Antenna: when there signal is poor, to use antenna
22. Up-Adjusts volume level (default), and makes channel and watch adjustments in Menu mode.
23. Down-Adjusts volume level (default), and makes channel and watch adjustments in Menu mode.
24. Red Button (Multi Function) – Press and hold to transmit voice communication. Press twice in a rapid action to transmit call tone.

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

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may require undesired action.

Important: Changes or modifications to this unit not approved by manufacturer/Communication Authority 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.

TO BE SAFE AND SURE

- Never open the case of your device. No user serviceable parts inside.
- Never change or replace anything in your device.

Your device may interfere with TVs or radios, even when operating properly. To determine whether your communicator is causing interference, simply turn it off. If the interference ends, your device is causing it. Try to eliminate interference by moving your communicator away from the receiver. If you cannot eliminate interference completely, please stop using this device.

Hazardous Environments:

Do not operate the communicator in hazardous environments , explosion or fire may result. Do not operate the communicator near unshielded electrical blasting caps. Under certain conditions, communicators can interfere with blasting operations and may cause an explosion. Turn your communicator to the OFF position to prevent accidental transmission when in a blasting area or in areas posted : "Turn off two-way radios." Construction crews often use remote control RF devices to set off explosives.

CARE AND SAFETY

To clean your communicator, use a soft cloth dampened with water. Do not use cleaners or solvents; they can harm the body of the unit and leak inside, causing permanent damage. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water. If the unit gets wet, turn it off and remove the battery immediately. Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drying. Do not use the communicator until the unit is completely dry.

Safety Information

Your wireless hand-held portable transceiver contains a low power transmitter. When the Red Button is pushed it pushes out radio frequency (RF) signals. This device is authorized to operate at a duty factor not to exceed 50%.

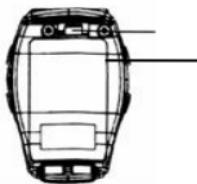
Important Note: To maintain good communication quality, hold the transmitter at least 2inches (5 centimeters) from your mouth and speak in a normal voice.

BATTERY INSTALLATION

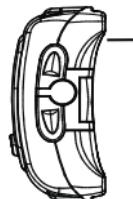
Your communicator is powered by a Lithium-Ion Battery (included).To install and replace battery:

1. Release the Battery Compartment Cover Latch located on the rear side of the unit, and

- remove the cover from Battery Compartment.
- 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.
 - Replace the Cover and lock the battery Compartment Cover Latch into position



Battery
Compartment
Cover Latch



Battery
Compartment
Cover

CAUTION:

To reduce the risk of personal injury, use only the battery listed in the instruction book. The communicator has a built in Power Saver feature for maximum battery life. When the communicator is not being used, conserve battery power by pressing the Power Key to turn OFF the unit, Remove the battery if the unit will not be used for a long period of time.



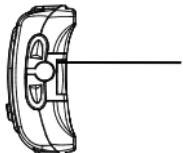
CHARGING THE BATTERY

Caution: Do not use charger before inserting battery !!!

Your communicator comes with an A/C Adapter charger to charge your Lithium-Ion battery. To charge:

- Lift the Headset/Charger Jack Cover located on the side of your unit
- Connect the A/C Adapter Charger into an A/C Wall outlet
- Insert the A/C Adapter Charger into the Headset/Charger Jack. During charging the Low Battery Level icon will appear on the display, and will disappear once the battery is fully charged .

NOTE: Charge the battery for approximately 6 hours before initial use. Normal charging time is for 3 hours .



Headset/Charger
Jack Cover

NOTE:

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.

BATTERY LEVEL AND LOW BATTERY OPERATION

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.

NAVIGATING THROUGH THE MENU

To access the advance features, your communicator has a Menu with two functions.

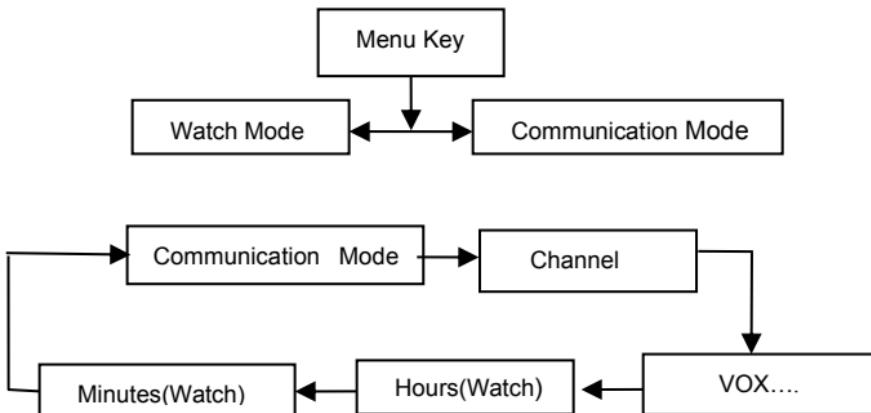
Watch Mode

To enter or exit watch Mode, press the Power key for around 3 seconds. A long keybeep tone is locally generate(after a short keybeep tone) when the unit goes into Watch Mode and the LCD will display the time segments and battery icons for the watch.

Communication Mode.

1. Your communicator 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; a short keybeep tone will be locally generated when the Time Setting mode is engaged.
2. In Communicator Mode, if presses of the Menu key for no longer than 1 second will advance you through the menu until exiting to communicator mode.
3. Menu mode exits and to standby mode when the Menu key is pressed while the final menu selection is active.
4. The unit automatically enters Watch mode

In 10 minutes..



NOTE: In Watch Mode, no button/key will function unless pressing menu key for about 3 seconds to enter Communication Mode

To set the Time (watch mode)

Your Communicator has a **12/24-hour** Time Clock, which can be set as follows:

1. In Communication mode, enter to Menu mode by long time pressing the **Menu** key until a short key-beep tone is heard. When the time Setting mode is engaged, the Hour segment in the LCD Display will flash.
2. Press the **Menu** button 7 times, screen will display **12/24-hour** mode setting, by press **S** button to start to set, press **Up** or **Down** key to select 12 or 24H mode. To press **S** button to confirm, if you choose 12H mode, screen will display **AM/PM**.
3. Date setting: By press **Menu** button 2 times, screen will display **00 01 01**(year/month/date), by press **S** button to select year/month/date, press **UP, Down** button to select date, press **S** button to confirm setting.
- 4 . Time setting: by press **Menu** button 3 times, screen will display **12 00 00**, (hour/minute/second), by press **S** button to select hour/minute/second, by press **UP, Down** button to adjust time , to press **S** button to confirm setting . when setting time, screen will display **AM** or **PM** if time mode is 12hour mode.
5. Stopwatch setting: by press **MENU** button 4 times, screen will display stopwatch mode **00 00 00**, to press **PTT** button to start time count; time count will pause by press **PTT** again; to continue time count by press **MENU** button again; by press **UP, DOWN** button for zeroing,
6. Clock countdown setting: Press **MENU** button 5 times, screen display clock countdown mode **00 00 00** (minute/second/millisecond), to press **S** button to select minute/second/millisecond and press **UP, DOWN** button to select time then press **S** button to confirm setting; by press **PTT** button to start countdown, press **PTT** again to make countdown pause and to press **PTT** continue to countdown.
7. Alarm clock setting: to press **MENU** button 6 times, enter alarm clock mode, Screen display **OF** and clock icon. Press **PTT** button to set alarm clock mode **12 00 00**(hour/minute/second), by press **S** button to select hour/minute/second and by press **UP, DOWN** button to adjust time, to press **S** button to confirm setting, then screen will display alarm clock icon, when time is up, alarm clock will ring. Exit the alarm clock mode by press any button.
8. Key lock setting: under the watch mode, by press menu button one time and press **S** button quickly to lock all button; under the communication mode, by long time press **S** button to lock all buttons except for **PTT** button, same operation apply to unlock button.

■Duplex operation via repeaters

This feature allows to use local repeater stations that are designed to automatically re-transmit your broadcast over a large area thus giving you increased range.

For example, if you wish to access a repeater station in your area which operate on channel 2 , you only need to set the duplex access on this channel, so if you are in the range of a local repeater which transmits on channel 2, after setting your radio to allow access of the repeater on that channel, you will select channel 2 as normal but during transmit operation, your radio will automatically transmit to the repeater on channel 2.

Turning on/off duplex on channels:

- A. select the required channel to suite the repeater station you wish to access(channels

from 1~8 and 41~48)

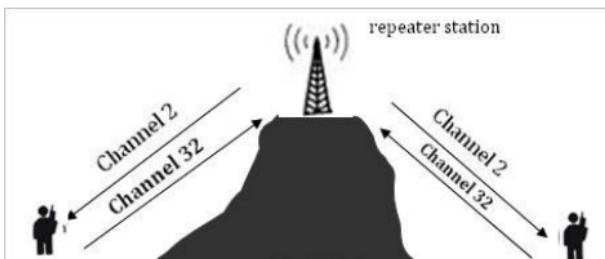
- B. Press the **MENU** button twice, RPT icon will display in screen
- C. Press **UP** or **Down** button to set the duplex function to **On** or **Off**
- D. Press **PTT** button to confirm your setting.
- E. The RPT icon will display to indicate that duplex is set on that channel

| | | | | | | | | |
|------------------|----|----|----|----|-----|----|----|----|
| Receive channel | 1 | 2 | 3 | 4 | 5* | 6 | 7 | 8 |
| Transmit channel | 31 | 32 | 33 | 34 | 35* | 36 | 37 | 38 |
| Receive channel | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| Transmit channel | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 |

* Channel 5 is emergency channel only

■Repeater function setting

- A. Press **MENU** button 12 times, **RPT** icon will be displayed and flashing on LCD screen
- B. Press the **Up** or **Down** button to set repeater function
- C. Press **PTT** button to confirm setting



Important

- Speech transmissions are not allowed on channel 22 and 23(receive only)
- CTCSS and call ring tone calling should be disabled on channel 5 and 35
- If call ring tone calling is provided, it is only allowed to operate for a maximum of 3 seconds and it can only be possible to operate once in any 60 seconds period

■Choosing Frequency, channel

Your Communicator have built-in 8 countries frequency and 38 group of CTCSS sub-channels, 83 group of DCS sub-channels for each channel for communicating with others. You can use only communicate with other radio users tuned to same channel and sub-channel

1. Frequency setting: under communication mode, press the **menu** button one time, the signal code keep flashing in screen, to press **UP**, **DOWN** button to adjust frequency,

- press PTT button to confirm setting.
- 2. 38 group of sub-channel selection: Press MENU button two times, CTC code keep flashing, press the Up or Down button to select 38 group of sub-channel from 1 to 38 channels, and screen will display CTC character under CTC code, press PTT button to confirm setting. CTC code Default setting is **00** when power on..
 - 3. 83 group of DCS sub-channel setting: press MENU button 2 times, CTC code will be keep flashing, press UP or Down button to select 83 group of DCS sub-channels from 1 ~83, press PTT button to confirm setting, there is no CTC character displayed in screen under CTC code, CTC code Default setting is **00** when power on

■ Scrambler setting

(voice encryption function, communication party must set compander as on)

Press **MENU** button 7 times, screen will display **SC OF** character, character **OF** keep flashing, by press UP or Down button to choose ON or OFF, press **PTT** to confirm setting. Default SC setting is on.

■ Compander setting

Press **MENU** button 6 times, screen will display **CP on**, character **on** keep flashing, press **UP** or **Down** button to choose **ON** or **OF** , press **PTT** button to confirm setting, compander default setting as on when power on (when **CP on**, conversation voice will be more clear, communication range is more far, when **CP Off**, conversation voice quality will be poor when communication range is a little far)

■ TOT setting (time of transmission setting)

Press **MENU** button 8 times, screen will display **Lo OF**, character **OF** keep flashing, by press **UP** or **Down** button to choose 30 second, 60 second, and **OF**, press **PTT** button to confirm setting, default setting is on when power on

(if you select 30 second, transmission will be stopped automatically once your **PTT** transmission time is more than 30 seconds. This same apply to 60 second setting

■ 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 4~5seconds before resuming Scan function.
- 2. To exit the Scan mode, press the Red button.

■ Call Tone setting

Press Menu button 4 times, screen will display **CALL** character, digital **01** keep flashing, by press UP or down button to select call tone from 01~10, press PTT button to confirm call tone setting. Default setting for call tone is **01**

There are 10 mode call tone in this unit, you and other party can use designed call tone to communicate separately, secretly to avoid any disturb.

■ Power save setting

Your communicator has a unique circuit designed to dramatically extend battery life. Press menu button 5 times, screen will display **PS OF** character, **OF** keep flashing, by press UP or Down button to choose **ON** or **OF**, press PTT button to confirm setting. Default power save setting as **OF**, (under communication mode, if no any operation and receive signal for unit, unit will enter watch mode), The communicator can still receive transmission in this mode.

■ 8 level of volume setting

Under communication mode, press UP or Down button to adjust volume level from 1~8, default volume setting as level 6.

■ Power off resume setting

This function can make unit to resume before setting after power off .

■ Background LCD light

Under the mode of watch and communication, when press any button, LCD will be brighten for 5 seconds.

■ Transmission end reminding tone

When transmission end, the communication parties will receive reminding tone in the same time to show conversation over.

■ low battery detecting (battery voltage display)

Under watch mode and communication mode, unit will detect battery voltage, it will show from full range to 1 level according to battery voltage status.

Under watch mode, when battery voltage is lowing, by press MENU button to conduct battery detecting.

Under communication mode, when battery voltage is lowing, screen will show full range of battery voltage when charging.

■ Low battery indication

Under mode of communication, when battery voltage drop to 3.4V, LCD screen will display 1 level for battery voltage, unit will enter watch mode automatically after 10 minutes if not to charge unit or change battery.

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 2~3 inches away from your mouth.
3. When you are finished speaking, release the Red Button. You are now ready to receive incoming transmissions. While receiving transmission, the R X icon appears on the display.

Sending a Call Alert Tone

To send a Call Alert Tone, Press the Red Button 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 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 complete. For optimum performance, make sure the ANTENNA is pointing upright.

■ VOX setting (Voice Operated Transmission)

Your communicator 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.

By press **MENU** button 3 times, screen will display **VX** character, character **OF** keep flashing, press **UP** or **Down** button to choose on or off.

Press **UP** or **Down** button to select voice level(from 1 to 3 level) , by press **PTT** button to confirm setting. VOX Default setting as off

To get the full advantage of the convenience of a hands free transmission and the privacy of conversation, you can optionally use an Ear Bud with Microphone to be used in conjunction with the VOX feature of your communicator.

To 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.

The Auto Squelch Feature

Your communicator is equipped with an automatic squelch system that automatically cuts off weak transmissions and unwanted noise due to terrain conditions and range limitations.

PROBLEMS AND SOLUTIONS

| PROBLEM | SOLUTION |
|----------------|---|
| No power | <ul style="list-style-type: none">·Check the battery. Ensure that the battery is installed Properly·Battery may be weak.·Recharge your battery by using the A/C Adapter Charger·Your battery may be damaged. Replace old Battery with a new Lithium-Ion battery. |
| Weak Reception | <ul style="list-style-type: none">·Press the UP button to increase VOLUME.·The receiving signal may be weak and/or out of range.·Check the antenna position.For optimum performance. Make sure the antenna is pointing upright. |

| | |
|------------------------|--|
| Cannot Change Channels | <ul style="list-style-type: none"> To change channels, press the MENU key until the channel Number flashes on the LCD Screen. Press the UP or DOWN key to change channel. Battery may be weak. |
| Range Is limited | <ul style="list-style-type: none"> Battery may be weak Recharge battery if the BATTERY LEVEL indicator is low. Range varies depending on terrain and environment Open fields provide maximum range; steel/concrete Structures, heavy foliage, and operation in buildings and In vehicles may significantly limit range Check the antenna position. For optimum performance make sure the antenna is pointing upright. |
| Sound distortion | <ul style="list-style-type: none"> When transmitting, hold MICROPHONE 2 to 3 inches From mouth and speak normally. When receiving, lower volume to a comfortable level. Communicators must be at least 10 feet apart; increase your Your distance. Communicators are too far apart. Obstacles interfere with Transmission. Talk range is up to 2 km in clear unobstructed conditions. |

Channel and Frequency (MHz) Chart**

P.R. China (20ch)

| Ch. | Frequency | Ch. | Frequency | Ch. | Frequency | Ch. | 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 | | |

Taiwan(14ch)

| Ch. | Frequency | Ch. | Frequency | Ch. | Frequency | Ch. | 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 | | |

Europe(8ch)

| Ch. | Frequency | Ch. | Frequency | Ch. | 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(22ch)

| Ch. | Frequency | Ch. | Frequency | Ch. | Frequency | Ch. | 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 | | |

Korea (25ch)

| Ch. | Frequency | Ch. | Frequency | Ch. | Frequency | Ch. | 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 | | |

Australia (80ch)

| Channel | | TX Freq MHZ | RX Freq MHZ | Channel | | TX Freq MHZ | RX Freq MHZ |
|---------|------|-------------|-------------|---------|-------|-------------|-------------|
| 01* | - | 476.4250 | 476.4250 | 21 | - | 476.9250 | 476.9250 |
| - | 41 * | - | 476.4375 | - | 61 ** | - | - |
| 02 * | - | 476.4500 | 476.4500 | 22 * | - | 476.9500 | 476.9500 |
| - | 42 * | - | 476.4625 | - | 62 ** | - | - |
| 03 * | - | 476.4750 | 476.4750 | 23 | - | 476.9750 | 476.9750 |
| - | 43 * | - | 476.4875 | - | 63 ** | - | - |

| | | | | | | | |
|------|------|----------|----------|------|------|----------|----------|
| 04 * | - | 476.5000 | 476.5000 | 24 | - | 477.0000 | 477.0000 |
| - | 44 * | - | 476.5125 | - | 64 | 477.0125 | 477.0125 |
| 05 * | - | 476.5250 | 476.5250 | 25 | - | 477.0250 | 477.0250 |
| - | 45 * | - | 476.5375 | - | 65 | 477.0375 | 477.0375 |
| 06 * | - | 476.5500 | 476.5500 | 26 | - | 477.0500 | 477.0500 |
| - | 46 * | - | 476.5625 | - | 66 | 477.0625 | 477.0625 |
| 07 * | - | 476.5750 | 476.5750 | 27 | - | 477.0750 | 477.0750 |
| - | 47 * | - | 476.5875 | - | 67 | 477.0875 | 477.0875 |
| 08 * | - | 476.6000 | 476.6000 | 28 | - | 477.1000 | 477.1000 |
| - | 48 * | - | 476.6125 | - | 68 | 477.1125 | 477.1125 |
| 09 | - | 476.6250 | 476.6250 | 29 | - | 477.1250 | 477.1250 |
| - | 49 | 476.6375 | 476.6375 | - | 69 | 477.1375 | 477.1375 |
| 10 | - | 476.6500 | 476.6500 | 30 | - | 477.1500 | 477.1500 |
| - | 50 | 476.6625 | 476.6625 | - | 70 | 477.1625 | 477.1625 |
| 11 | - | 476.6750 | 476.6750 | 31 * | - | 477.1750 | 477.1750 |
| - | 51 | 476.6875 | 476.6875 | - | 71 * | 477.1875 | - |
| 12 | - | 476.7000 | 476.7000 | 32 * | - | 477.2000 | 477.2000 |
| - | 52 | 476.7125 | 476.7125 | - | 72 * | 477.2125 | - |
| 13 | - | 476.7250 | 476.7250 | 33 * | - | 477.2250 | 477.2250 |
| - | 53 | 476.7375 | 476.7375 | - | 73 * | 477.2325 | - |
| 14 | - | 476.7500 | 476.7500 | 34 * | - | 477.2500 | 477.2500 |
| - | 54 | 476.7625 | 476.7625 | - | 74 * | 477.2625 | - |
| 15 | - | 476.7750 | 476.7750 | 35 * | - | 477.2750 | 477.2750 |
| - | 55 | 476.7875 | 476.7875 | - | 75 * | 477.2875 | - |
| 16 | - | 476.8000 | 476.8000 | 36 * | - | 477.3000 | 477.3000 |
| - | 56 | 476.8125 | 476.8125 | - | 76 * | 477.3125 | - |
| 17 | - | 476.8250 | 476.8250 | 37 * | - | 477.3250 | 477.3250 |
| - | 57 | 476.8375 | 476.8375 | - | 77 * | 477.3375 | - |
| 18 | - | 476.8500 | 476.8500 | 38 * | - | 477.3500 | 477.3500 |
| - | 58 | 476.8625 | 476.8625 | - | 78 * | 477.3625 | - |
| 19 | - | 476.8750 | 476.8750 | 39 | - | 477.3750 | 477.3750 |
| - | 59 | 476.8875 | 476.8875 | - | 79 | 477.3875 | 477.3875 |
| 20 | - | 476.9000 | 476.9000 | 40 | - | 477.4000 | 477.4000 |
| - | 60 | 476.9125 | 476.9125 | - | 80 | 477.4125 | 477.4125 |

Important note:

The operation of your UHF radio in Australia and New Zealand is subject to conditions in the following licenses:

In Australia the ACMA radio communications (citizen band radio stations) and in New Zealand by MED the general user radio license for citizen band radio.

*The primary use for these channels is repeater operation using 750kHz offset. Channels 1-8 and 41-48 inclusive are used for mobile reception and channels 31-38 and 71-78 for mobile transmission. In addition, any designated repeater channel may be used for simplex operation in areas where it is not used for repeater operation.

- Speech telephony shall be inhibited on these channels.
- At the time of production channels 61,62 and 63 are guard channels and are not available for use.

Channel 5 and 35(paired for Duplex repeaters) are reserved as emergency channels and should be used only in an emergency.

CTCSS and DCS will not operate on channel 5 and 35.

A list for currently authorized channels can be obtained from the ACMA website in Australia and MED website in ZEW Zealand Channel 11 is a calling channel generally used to call others and channel 40 is the customary road vehicle channel.

Once contact is established on the calling channel, both stations should move to another unused "SIMPLEX" channel to allow others to use the calling channel.

38 CTCSS CODE LIST

| CODE | | Frequency (Hz) | | CODE | | Frequency (Hz) | |
|------|------|------------------|-------|------|-------|------------------|-------|
| OFF | OFF | 10 | 94.8 | 20 | 131.8 | 30 | 186.2 |
| 1 | 67.0 | 11 | 97.4 | 21 | 136.5 | 31 | 192.8 |
| 2 | 71.9 | 12 | 100 | 22 | 141.3 | 32 | 203.5 |
| 3 | 74.4 | 13 | 103.5 | 23 | 146.2 | 33 | 210.7 |
| 4 | 77.0 | 14 | 107.2 | 24 | 151.4 | 34 | 218.1 |
| 5 | 79.7 | 15 | 110.9 | 25 | 156.7 | 35 | 225.7 |
| 6 | 82.5 | 16 | 114.8 | 26 | 162.2 | 36 | 233.6 |
| 7 | 85.4 | 17 | 118.8 | 27 | 167.9 | 37 | 241.8 |
| 8 | 88.5 | 18 | 123.0 | 28 | 173.8 | 38 | 250.3 |
| 9 | 91.5 | 19 | 127.3 | 29 | 179.9 | | |

Customer can design channels.

SPECIFICATIONS

| | |
|-------------------|---|
| Power Source | 3.7V/650mAH Lithium-Ion Battery |
| Output Power (TX) | 0.5W ERP maximum |
| Battery Life | 3Years |
| Range | ≤6.0 Kilometers (Can make range as long as expected by customer by provide extra service) |

Warranty Card

We provide one-year free maintenance should this product fail to perform normally

within the warranted period, it will be repaired with the same or functionally equivalent product.

This warranty does not apply if, the product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained in a manner not conforming to product manual instructions, has been modified in any way, or has had any serial number removed or defaced.

The maximum liability of us under this warranty is limited to the purchase price of the product covered by the warranty.

The reseller should fill in the following form for after-sale service. The buyer should retain proof of purchase and this warranty card.

| Product name | | Watch Walkie Talkie | |
|-------------------|--|---------------------|--|
| Model No. | | Purchase date | |
| Serial number bar | | Paste here | |
| Buyer's name | | TEL | |
| Post address | | | |
| Code | | | |
| Reseller name | | | |
| Repair record | Reseller Signature and stamp Address: TEL: | | |