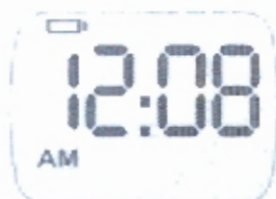


## Power Saving

1. Only the battery and time icons will be displayed on the LCD in this mode.
2. The battery icon will appear empty when the battery level is low, and there will be a short warning tone generated every minute.



## Operation

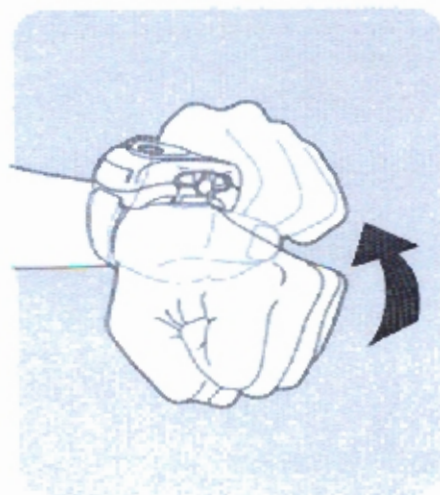
1. The device will automatically go to this mode upon power on reset/installation of the lithium battery. The time, battery status, channel, volume, VOX status icons will be displayed on the LCD.
2. To exit the Operation Mode and enter the Power Saving Mode, press the power key for two seconds.
3. To enter the Set-Up Mode, press the Power/Menu key once. A short beep tone will be generated to confirm this action.
4. Transmitting and Receiving:
  - Press and hold the PTT/Call key, and speak as you normally would just one second after pressing, holding the unit about 2-3 inches away from your mouth.
  - While transmitting, the TX icon will appear on the display. When finished, release the PTT/Call key.
  - The RX icon will appear on the display while receiving the incoming transmission.
  - To optimize the performance, erect the antenna.

### Flex & Talk Operation (Patented)

The newly invented WRIST-OPERATED key located at the right bottom-side of your device carries exactly the same functions as the PTT/Call key located on the face of the device. It can conveniently be operated by a simple upward-flex of your hand.

(Make sure that the device is loosely worn, so that it can slide down easily - upon a gentle swing of your hand - to a position just reaching the back of your hand for flex-pressing. See picture)

This unique invention helps to free up both of your hands for other activities while communicating.



## Operation

### 5. Channel Scan

To scan all the channels of the device:

- Press the Scan key on the upper left side of the unit. Scanning will then be started. It will pause on an active transmitting channel, but will resume scanning as soon as the detected transmission lapses.
- To exit the Scanning Mode, press the Scan key again.

### 6. Voice Volume Adjustment

- Press the Up or Down key on the right side of the device.
- You may select one of the 4 volume levels available.

### 7. Sending a Call Alert Tone

- Press the PTT/Call (wrist-operated or normal) key twice rapidly. The Call Alert Tone will be transmitted.
- During transmission, the Call icon will appear on the display. You will hear a brief Call Alert Tone to confirm the operation.

### 8. Voice Operated Transmission (VOX)

- Press the PTT/Call (wrist-operated or normal) key once to activate the VOX and start your conversation.
- Press the PTT/Call key to end your conversation. If not, the device will automatically return to normal operation mode if no voice is detected for a time interval as set at the VOX end-time delay setting.

### 9. Ear Bud

- Set your device to VOX Mode.
- Lift the Headset/Charger jack cover located at the right side of your unit.
- Insert the Ear Bud Jack into the Headset Jack. Wear the Ear Bud and adjust the microphone location.

### 10. LCD Back Light

The LCD back light of your unit will automatically light up for 5 seconds with the pressing of any key when the device is in Operation Mode.

### 11. Auto Squelch

The device is equipped with an automatic squelch system that will automatically cut off weak transmissions and unwanted noises due to terrain conditions and range limitations.

## Set- Up

### 1. Selecting the Channel

- Press the Power/Menu key once to enter the Set-Up Mode. The channel display icon will blink.
- Press the Up/Down key to select the channel you want.
- Press the Power/Menu key to go to the next step.

(You may press the PTT/Call key to confirm your selection if you don't want to proceed to the next set-up step. Please note that the device will automatically return to Operation Mode.

If no key is pressed for 10 seconds, the same will be applicable to steps 2, 3 and 4 below.)



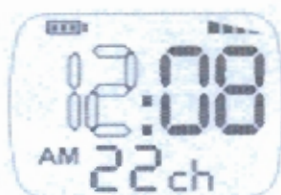
### 2. Setting Up the VOX

- Following step 1 above, the Vox icon will blink.
- Press the Up key to select the end-time delay for VOX (2-6 seconds).
- Press the Down key to adjust the sensitivity of VOX. There are three levels available (Off, Low and High).
- Press the Power/Menu key to go to the next step.



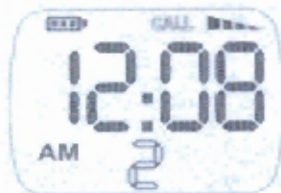
### 3. Setting Up the Time

- Following step 2 above, the Hour icon will blink.
- Press the Up/Down key to adjust the hour.
- Press the Power/Menu key again. The Minute icon will blink.
- Press the Up/Down key to adjust the minute.
- Press the Power/Menu key to go to the next step.



### 4. Setting Up the Call Alert Tone

- Following step 3 above, the Call and Channel icons will blink.
- Press the Up/Down key to select one of the 5 tones as you desire.
- Press PTT/Call key to confirm your selection and exit the Set-Up Mode.



## Problem and Solution

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

## Specifications

Power Source  
Output Power (TX)  
Battery Life  
Range

3.7V Lithium-Ion Battery  
0.3W ERP maximum  
Varies per user  
About 2km

## Channel and Frequency (Mhz) Chart (for US and Canada)

Channels 1 thru 14 transmit on FRS frequencies.  
Channels 15 thru 22 transmit on GMRS frequencies.

| Ch. Frequency | Ch. Frequency | Ch. Frequency | Ch. Frequency |
|---------------|---------------|---------------|---------------|
| 1 462.5625    | 7 462.5625    | 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   |               |

## Note

- \* GMRS emergency channel 462.6750 Mhz.
- The maximum transmission range will vary depending on the terrain and environment.

## FCC Licensing Information

Your radio operates on General Mobile Radio Service (GMRS) frequencies and is subject to the Rules and Regulations of the Federal Communications Commission (FCC). The FCC requires that all operators using GMRS frequencies obtain a radio license before operating their equipment. To obtain the FCC forms, please request Form 605 and 159, which includes all forms and instructions. If you wish to have the document faxed or mailed, or have questions, please use the following contact information.

Faxed Contact the Fax-On-Demand system at: 1-202-418-0177 Mailed Call the FCC forms hotline at: 1-800-418-FORM (1-800-418-3676)  
Questions Regarding FCC license Contact the FCC at: 1-888-CALL-FCC (1-888-225-5322) Or: <http://www.fcc.gov>

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

**Note:** This equipment has been tested and found to comply with the limit of part 95 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.