



PLEASE READ THIS OWNER'S MANUAL CAREFULLY BEFORE USE. KEEP FOR YOUR REFERENCE.

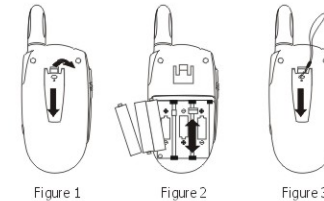
**Function description**

1. BATTERY: Use 3 "AAA" size batteries.
2. BELT-CLIP: The belt-clip is attached for easy use.
3. CALL button: Press to transmit CALL Tones.
4. LCD Screen: Displays current channel selection and other radio status symbols.
5. Power button: Press and hold the POWER button to turn your unit ON/OFF.
6. SCAN button: Press and hold for 2 seconds to Scan all channel.
7. MODE button: Selector of channel and function.
8. MON button: Press to tune in and hold on to weak signals.
9. TALK button: Press to transmit.
10. UP ▲ / DOWN ▼ buttons: Press to adjust volume level and change channels.  
Press and hold ▲ + MENU button for 2 seconds to lock/unlock the channel.  
Press ▼ + MENU button to activate channel scan.
11. SPK/MIC/CHG jack: For external microphone, earphone and charger.

	- Receiving icon, displayed when receiving signal.
	- Transmitting icon, displayed when transmitting signal.
VOX	- activate the autotransmit by voice (audio signal)
SCAN	- Display during the CHANNEL SCAN mode.
BB	- 38 CTCSS sub codes
	- Display the current battery level.
	- Channel number.

**BATTERY INSTALLATION:**

- Remove the belt clip by pulling the tab and sliding it up.
- Pull the battery door lock: tab down to release the battery cover. Insert 3 "AAA" batteries.
- Replace the battery cover. Snap the lock tab and belt clip back into place.
- To use the radio you must install 3 "AAA" size batteries.



**WARNING:**

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable batteries.
- Do charge the batteries for at least 10 hours when starting use.
- Always use alkaline batteries for replacements.
- Do not put batteries into fire or expose to high heat because they may explode.
- To use the radio you must install 3 "AAA" size batteries.

**Turning the Unit ON**

Press and hold the button. The unit will "beep" and the LCD Screen will display the current channel.

**Turning the Unit OFF**

Press and hold the button. The unit will "beep" and the LCD Screen will turn blank.

**Adjusting Speaker Volume**

- Press the button to increase the Speaker Volume.
- Press the button to decrease the Speaker Volume.
- The Speaker Volume level is indicated by the number of bars displayed in the lower left corner of the LCD Screen.

**RECEIVING COMMUNICATIONS:**

- When FRS unit is on and not being used for speech or paging, it is always in the receiving mode.
- Pressing TALK or CALL buttons automatically overrides and turns off the receiving mode.

NOTE: In order for other people to receive your transmission, they must also be on the same channel and are currently using. Refer to the "Changing Channels" section for more information.

**CHANNEL SCAN:**

- Do not mix old and new batteries.
  - Do not mix alkaline, standard (carbon-zinc) or rechargeable batteries.
  - Do charge the batteries for at least 10 hours when starting use.
  - Always use alkaline batteries for replacements.
  - Do not put batteries into fire or expose to high heat because they may explode.
  - To use the radio you must install 3 "AAA" size batteries.
- This feature scan the channel so that the channel can be stopped against signal.
- To scan the channel: press SCAN button for 2 seconds until a beep sound. The scan symbol will appear on the display.
  - To unscan the channel press SCAN button for 2 seconds until a beep sound. The scan symbol will disappear.

**PMR**

Table of Channels and Frequency(MHz)

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

**FRS/GMRS**

Table of Channels and Frequency(MHz)

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

**Changing CHANNELS**

The COMMUNICATOR has available channels. To change channels:

1. Press the MENU button until the current channel number and icon flashes on the LCD Screen.
2. While the channel number is flashing:
  - Press the button to move to a higher channel.
  - Press the button to move to a lower channel.
  - The channel changes from 1 to 8, or from 8 to 1.
3. Press the TALK button or MON button to select the desired channel and return to NORMAL mode, or press MENU button to confirm the channel and go to the Call Ring Melody programming option.

**Setting the Call Ring Melody**

- The COMMUNICATOR has 5 call ring melody to select.
1. Press the MENU button two times until the current ring number (1,2,3,4,5,0F) and icon flashes on the LCD Screen.
  2. Press the or button to select call ring melody.
  3. Press the TALK button to select the desired call ring and return to NORMAL mode, or press MENU button to confirm the call ring and return to NORMAL mode.

**RESPOND PROMPT TONE:**

When transmission is finished and TALK button is released, the corresponding radio will hear a tone and will be ready for transmission.

**CHANNEL SCAN:**

- Your radio can scan across channels allowing other radios search without changing channels.
- To scan: press scan button to activate channel scan. The channel number will run rapidly on the display. When a signal is detected, channel scan pauses keeping the active signal broadcasted.
- Press TALK button to communicate (CHANNEL SCAN is deactivated). When the active signal is detected and another channel is desired, press buttons to search for another active channel.
- To stop the scanning operation, press TALK button again.

**Calling (Paging) Another Radio**

- The volume of the incoming CALL (Page) tone is set by turning the volume button on top of the receiving unit. To send a page, or CALL
- Make sure both units are on.
  - Turn the volume up to an audible level.
  - Set both units to the same channel.
  - Press and release the Call button on the front of your radio.
- The other unit will make a 2 second call (page) tone. They can then respond to your call by either:
- Pressing the TALK button and speaking into the radio, or
  - Pressing the Call button, which activates a 2 second call (page) tone on your radio.

**AUTOMATIC SQUELCH:**

FRS is equipped with automatic squelch circuitry filtering out weak transmission and unwanted noise, which are usually caused by terrain conditions.

**MONITOR:**

- This feature turns off the automatic squelch feature either momentarily or continuously. It helps receiving signals to its maximum range but it may pick up static signals too.

**Momentary monitor:**

- Press MON button for 4 seconds, the monitor signal will appear.
- Release the button to restore the automatic squelch.

**Continuous monitor feature**

- Press MON button for more than 3 seconds until a beep sound. The monitor signal will appear.
  - To restore automatic squelch, press and release MON button again.
- NOTE:** You cannot transmit when the MONITOR feature is activated.

**Low Battery Indicator**

When the batteries need to be changed, the battery meter icon will flash. To ensure uninterrupted communication, recharge or replace the batteries as soon as possible.

**ON/OFF VOX FUNCTION**

1. Press the MENU button until VOX icon flashes on the LCD Screen.
2. Press the button to see the ON ICON, then the vox function will be activated. If you want turn off vox function Press the button to change the ON ICON to OFF ICON, then vox icon will be disappeared.

**CHANGING CTCSS CODES**

1. Press the MENU button until the current CTCSS number flashes on the LCD Screen.
2. While the CTCSS number is flashing: Press the button to select 1-38 CTCSS codes.
3. Press the TALK button to confirm the desired CTCSS number.

**External Speaker/Microphone/Charger Jacks**

Your walkie talkie radio can be used with an optional external microphone and speaker, usually sold together in a ear bud/mic combination. The jacks are located under the protective rubber cover on the top of the unit. To attach external speaker/microphone headsets or ear bud/mic. Lift the rubber flap on the top of the unit to expose the jacks. Insert the appropriate plugs into the correct jacks.

To charge the unit using 3 "AAA" Ni-MH rechargeable batteries, insert the round connector of the AC/DC adapter into the SPK/MIC/CHG JACK on top of the unit.