INSTALLATION

Battery Installation

NOTE: Prior to removing the battery cover, remove the belt clip (see section *"Removing The Belt Clip"*).

1. Remove the battery cover by pressing the battery door release. Lift the battery door up and away from the unit.
2. Install three "AAA" type batteries (not included), following the polarities marked in the battery compartment.
3. Reinstall the battery cover.

NOTES:

*   The FRS has a built-in power saver for maximum battery life. But when the FRS is not being used.
*   Remove the batteries if the unit will not be used for a long period of time.

Installing the Belt Clip

1. Slide the belt clip into the belt clip slot.
2. Ensure you hear a click, to indicate that it is securely in place.

Removing the Belt Clip

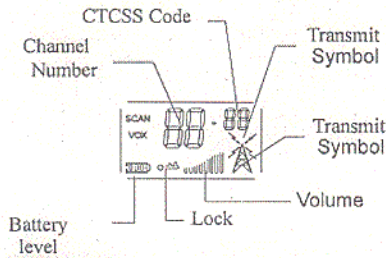While pulling the belt clip tab, push up on the belt clip to remove it from the unit.

LCD PANEL DISPLAY

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CTCSS Code

Channel
Number

Transmit
Symbol

SCAN
VOX

Transmit
Symbol

Volume

Battery
level

Lock

OPERATION

Turning the Unit ON

Press and hold the POWER button. An audible tone will emit and the channel number will indicate on the LCD panel

Turning the Unit OFF

Press and hold the POWER button. The LCD panel will turn blank.

Adjusting the Speaker Volume

- Press the ▲ button to increase the volume.
- Press the ▼ button to decrease the volume.

Receiving a Call

When your FRS unit is turned on and is not being used to transmit voice communication or pages, the unit is continuously on receiving mode. When you receive a call on the current channel you are using, the LCD panel will show the receive icon.

Transmitting a Call

1.   Press and hold the PTT button to transmit. The LCD Panel will show the transmit icon.

2. While holding the PTT button, speak in a normal voice about 2 to 3 inches away from the microphone.
3. Release the PTT button when you have finished transmitting.

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

Selecting Channels
The FRS has 14 available channels. To change channels:

1. Press the F button, the channel numbers flashes on the LCD panel.
2. While the channel number is flashing, Press the ▲ button to increase the channel number.
    Press the ▼ button to decrease the channel number.
3. Press the F (function) button to confirm the desired channel.

NOTE: Refer to the "FRS Channel Table" section of this manual for detailed frequency listings.

Selecting CTCSS Code
This FRS has 38 available CTCSS Codes. Please set CTCSS Code in addition to Channel setting if you do not want to be bothered by someone else. To set CTCSS Code:

1. Press the F button twice until the CTCSS number digit flashing. (Or press the F button again when you are in Channel Setting Mode.)
2. While the CTCSS number is flashing: Press the Up button for a higher Code.

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Press the Down button for a lower Code.

3.   Press the F button twice or PTT button to select the desired channel and CTCSS code, and return to normal mode.

NOTE: Refer to "CTCSS Code Table" section of this manual for detailed frequency listings.

Monitor

You can use the MONITOR feature to listen in for weak signals in the current channel.

- Press the M (monitor) button for normal monitoring.
- Press and hold the M (monitor) button for at least three seconds for continuous monitoring.
- To deactivate the monitoring feature press the M (monitor) button.

Battery Level / Low Battery Indication

- The LCD panel displays the battery power level according to the number of squares inside the battery symbol.
- When the battery level is low, The unit will warn you by displaying the Low Battery Indicator.(See Display indicator).

Calling (paging) the other radio

To send a page.

- Make sure both units are on.
- Press and release the C (call) button on the front of the radio

VOX Selection

Once you setting VOX function, You can transmitting without press the PTT button.

- Press the F button three times until the VOX function mode icon display on the LCD.
- Press the up/down button to select VOX

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> sensitivity or Off the VOX.
- In the VOX mode, The VOX icon will be displayed.

To confirm your selection, press the F button.

Note : To select the higher VOX sensitivity, choose higher value.

FRS CHANNEL TABLE

CHN	FREQ (MHz)	CHN	FREQ (MHz)
1	462.5625	8	467.5625
2	462.5875	9	467.5875
3	462.6125	10	467.6125
4	462.6375	11	467.6375
5	462.6625	12	467.6625
6	462.6875	13	467.6875
7	462.7125	14	467.7125

CTCSS Code– Continuous Tone Coded Squelch System

Code	Frequency(Hz)	Code	Frequency(Hz)
1	67.0	20	131.8
2	71.9	21	136.5
3	74.4	22	141.3
4	77.0	23	146.2
5	79.7	24	151.4
6	82.5	25	156.7
7	85.4	26	162.2
8	88.5	27	167.9
9	91.5	28	173.8
10	94.8	29	179.9
11	97.4	30	186.2
12	100.0	31	192.8
13	103.5	32	203.5
14	107.2	33	210.7
15	110.9	34	218.1
16	114.8	35	225.7
17	118.8	36	233.6
18	123.0	37	241.8
19	127.3	38	250.3

TROUBLESHOOTING

SYMPTOM	SOLUTION
Does not turn on.	• Check batteries. Ensure that the batteries are installed properly. • The batteries may be weak. Replace old batteries with four new "AAA" Alkaline batteries.
Reception is weak.	• Press the ▲ button to increase volume. • The receiving signal may be weak and out of range. If this happens, press the M (monitor) button.
Cannot change channels.	• To change channels, press and hold the F (function) button ,the channel number flashes on the LCD panel. Then, press the ▲ / ▼ buttons to select the channel.
Range is limited	• Batteries may be weak. Replace with new batteries if the battery level indicator is low. • The maximum range will vary depending on terrain and environment. Open fields provide the maximum range, while buildings and other structures may limit the range significantly.
Sound distortion problems	• If you are transmitting, speak in a normal tone of voice, 2 to 3 inches away from the microphone. • If you are receiving, lower the volume control to a comfortable level.