

Safety Information For FRS UNIT

Your wireless handheld portable transceiver contains a low power transmitter. When the Push-To-Talk (PTT) button is pushed, it sends out radio frequency (RF) signals. This device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

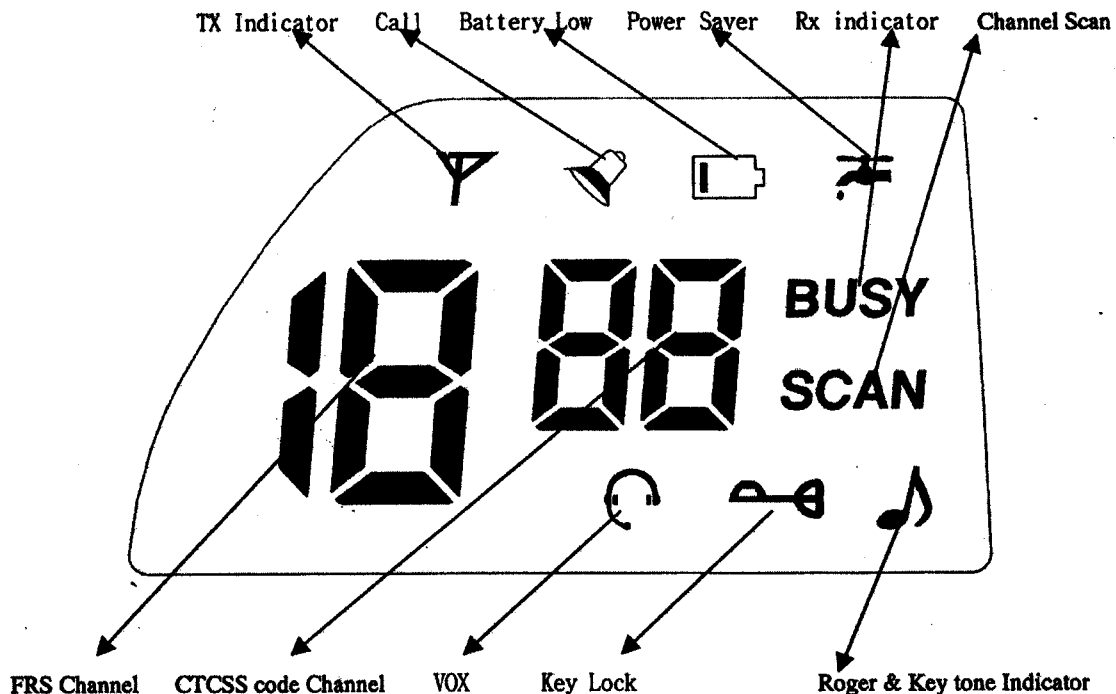
CAUTION: To maintain compliance with the FCC's RF Exposure guidelines, hold the transmitter and antenna at least 2 inches (5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face. If you wear the handset on your body while using the headset accessory, use only the AUDIOVOX supplied belt clip for this product and ensure that the antenna is at least 2 inches (5 centimeters) from your body when transmitting. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

NORMAL POSITION: Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away.

FCC ID: OTVSBTFR541-2

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Function & Operation manual



Power button

Turn the radio on by the "POWER" button. The beep sound will be generated after about 1 second and the LCD segments include whole icons will come on, indicating the radio has passed a self-check.

If you want to turn-off the radio, press the "POWER" button for about 1 second.

Volume level control

If you want to control the receiving audio level, press the Up(▲) or the Down(▼) button.

"Vo" of the Volume is displayed on two small segments of a right side of LCD. Levels will indicate as number to be displayed on a large segment of a left side of LCD.

Level control operation is always priority whenever press the Up(▲) or the Down(▼) button.

Channel selection

Press "Function" button repeatedly until two large segments of a left side LCD blink.

Press the Up(▲) or the Down(▼) button to select the desired channel.

If you want to fix the selected channel, press "Function" button again. And channel selection will be terminated.

Channel Scanning

Press "Function" button repeatedly until "Scan" icon blinks.

Press the Up(▲) or the Down(▼) button until icon is fixed. Channel scanning will be done after

function operation is terminated. If there is any carrier signal, scanning will be stopped for a 5-seconds. And then scanning will be start again. When "PTT" button is pressed, scanning will be stopped for a 15- seconds. And then scanning will be start again.
If you want to terminate channel scanning, press "Function" button.

Key tone/Roger Beep Selection

Press "Function" button repeatedly until "Tone" icon blinks.

Press the Up(▲) or the Down(▼) button to select a "On". This function will be started to operate after function operation is finished.

If then, key tone will be rung whenever any buttons are pressed except Monitor and PTT.

And, Roger beep is a tone which is automatically transmitted whenever the PTT button is released. This tone alerts the receiving party that the transmission has been terminated intentionally.

If you don't want key tone, press "Function" button repeatedly until "Tone" icon blinks.

Press the Up(▲) or the Down(▼) button to select a "oF". Icon will be disappeared. After function operation is finished, key tone and roger beep will not be rung.

VOX Selection(One touch operation)

Press "VOX" button, and "VOX" icon is appeared.

This function will be started to operate after function operation is finished.

If you want to cancel this function, press "VOX" button again. Icon is disappeared. After function operation is finished, vox operation will be terminated.

CTCSS code selection :

Press "Function" button repeatedly until "Channel" icon blinks. Press the Up(▲) or the Down(▼) button to selected CTCSS Channel.

If you want to fix the selected channel, press "Function" button, "Call" button again.

If you want to cancel this function, press "Function" button repeated until CTCSS channel icon blinks.

Press the Up(▲) or the Down(▼) to select CTCSS channel 00 : and press "Call" button again.

Key Lock

This function provides the wrong - operation. Under locking, only power On-Off & PTT operations are permitted.

Press the "Function" button for a 2 seconds until "lock " icon blinks.

If you want to cancel this function, Press "Function" button again for a 2 seconds until "lock " icon is to be disappeared.

Power Save

It is always fixed whenever power saving is done.

TX indicator

If PTT button is pressed, "TX" icon will be appeared while transmitting.

If CTCSS code channel is set, tone signal of CTCSS code channel is transmitted with voice.

Call indicator

If Call button is pressed, "Call" icon will be appeared while transmitting. The Call sound is heard only by the receiver. It has the current consumption decreasing effect.

If CTCSS code channel is set, tone signal of CTCSS code channel is transmitted with call tone.

RX indicator

If there is any carrier signal during stand-by, "Busy" icon will be appeared.

Low battery alert

If the battery voltage is low, "Battery low" icon will be appeared with beep sound to warn the user that the batteries must be replaced.

Monitor operation

You can monitor a channel by the button "M".

By pressing the button "M" over 2 second, the monitoring will be continued.

While you monitor channels, pushing the "M" button one more will terminate this function.

< Display Back-light button >

By pressing the monitor button momentarily, the LCD back-light is turned on; the LCD back-light will turn off automatically in about 3 seconds, or when the monitor button is pressed momentarily once again.

Dual Watch

This feature allows you to monitor two channels at the same time. While in dual watch mode, the unit will continuously monitor both the primary and dual watch channel. Received signals will be played for 5 seconds, then the unit will resume scanning the two channels. Pressing the PTT button during a received transmission will set the unit to transmit on the same channel. And, then the primary channel is to be changed to the received channel.

To set the Dual Watch Mode:

- Press "Function" button repeatedly until "Tx" icon & "Bell" simultaneously blinks.
Press the Up(▲) or the Down(▼) button the desired channel is set.

If you want to cancel this function, repeat again the above sequence until channel number is "0".

CTCSS TONE FREQUENCY TABLE

No.	Frequency(Hz)	No.	Frequency(Hz)	No.	Frequency(Hz)
--	No tone				
1	67	17	118.8	33	210.7
2	71.9	18	123.0	34	218.1
3	74.4	19	127.3	35	225.7
4	77.0	20	131.8	36	233.6
5	79.7	21	136.5	37	241.8
6	82.5	22	141.3	38	250.3
7	85.4	23	146.2		
8	88.5	24	151.4		
9	91.5	25	156.7		
10	94.8	26	162.2		
11	97.4	27	167.9		
12	100.0	28	173.8		
13	103.5	29	179.9		
14	107.2	30	186.2		
15	110.9	31	192.8		
16	114.8	32	203.5		

Channel Frequency Table

CH	Frequency(MHz)	CH	Frequency(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