

To change the CTCSS Sub-channel:

- From GMRS/FRS standby mode, press the MODE Button twice; a flashing **oF** or sub-channel number is displayed.
- Press the Up or Down button to select the desired sub-channel for use (**01-38**).
- Press the PTT button to confirm selection.

The CTCSS mode can be turned off by selecting the **oF** icon as the setting.

NOTE: To communicate with other GMRS/FRS units, they must be switched to the same channel and CTCSS subcode. To communicate with other GMRS units that do not have subcodes, switch your unit to the same channel with the subcode set to **oF**. The CTCSS subcodes do not prevent others from hearing your transmission. This will only allow you to ignore all traffic on a given channel not using the same subcode.

Transmit Power Selection Mode (GMRS Channels Only)

This feature permits selection of the transmitting power level to high or low when using channels 1-7 and 15-22. Using low power, the unit will have a lower transmit range, but battery life will be increased.

NOTE: You will find that for the majority of your needs, the low-power setting will provide adequate communications on all channels; there should seldom be any need to use high power, except in situations where you need absolute maximum range. Using low power will greatly extend battery life. We suggest you experiment with switching between low and high power.

To access the transmitter power selection function:

- From GMRS standby mode, press the MODE Button 3 times until the **Po** indication appears flashing on the display with a flashing **HI** or **LO** indication.
- Press the Up or Down button to toggle between the HI and LO selections.
- Press the PTT button to confirm selection.

The display will indicate the current setting in standby mode.

NOTES FOR GOOD COMMUNICATION

1. The GMRS1072CH 22 channels are shared on a 'take turns' basis. This means other groups may be talking on any of the channels. A common code of ethics/courtesy is to switch to another vacant channel and not to attempt to talk over someone who is already using the channel you first selected.
2. The GMRS1072CH has been designed to maximize performance and improve transmission range in the field. To avoid interference, it is recommended that you do not use the units closer than 5 feet apart.
3. For best transmission results, always keep your mouth about 2-3 inches from the microphone (9) and speak slowly in a normal voice.
4. To increase battery life, use the SCAN feature sparingly. This feature will reduce operating time considerably.

Warning

- Do not operate the transceiver unless you are licensed to do so.
- Remove the batteries from the transceiver if it is not expected to be used for long periods. This will eliminate the possibility of chemicals leaking from the batteries and corroding the transceiver.
- Avoid exposing the transceiver to water or extremes of temperature.
- Do not use this device in or near a mining facility, which uses remotely triggered explosives or in areas labeled "Blasting Area". Premature or accidental detonation may result.
- Do not attempt to modify or in any way increase the output of this transceiver. Its output is designed to meet the legal limits set by the FCC.
- Turn your transceiver off wherever posted notices restrict the use of radios or cellular telephones. Facilities such as hospitals may use equipment that is sensitive to RF energy.
- Turn your transceiver off on board aircraft when requested to do so.
- Do not place your radio in front of a vehicle's air-bag. If the air-bag deploys, it could propel the transceiver like a projectile causing bodily injury.

CHANNELCROSS REFERENCE FOR 14 AND 15 CHANNEL GMRS/FRS RADIO TO 22 CHANNEL GMRS/FRS RADIO

CHANNELCROSS REFERENCE FOR 15 CHANNEL GMRS/FRS RADIO TO 22 CHANNEL GMRS/FRS RADIO		CHANNELCROSS REFERENCE FOR 14 CHANNEL FRS RADIO TO 22 CHANNEL GMRS/FRS RADIO	
15 CHANNEL GMRS	22 CHANNEL FRS/GMRS	14 CHANNEL FRS	22 CHANNEL FRS/GMRS
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
CHANNELS NOT AVAILABLE	8	8	8
	9	9	9
	10	10	10
	11	11	11
	12	12	12
	13	13	13
	14	14	14
11	15	CHANNELS NOT AVAILABLE	15
8	16		16
12	17		17
9	18		18
13	19		19
10	20		20
14	21		21
15	22		22

NOTE

WHEN USING RADIOS PRODUCED BY OTHER MANUFACTURERS, COMPARE CHANNEL FREQUENCIES FOR COMPATIBILITY.

Key Tone

This feature allows the transceiver to sound a confirmation tone whenever the following keys are pressed: Monitor (M) Button, Up/Down Buttons, MODE Button or SCAN Button.

To turn the key tones on or off:

- From GMRS/FRS standby mode, press the MODE Button 4 times (3 times for FRS) until the Bell (🔔) icon flashes, and on or oF appears on the display.
- Press the Up or Down Button to toggle the key tone feature **On** or **Off**.
- Press the PTT button momentarily to confirm selection.

When the key tone feature is on, the Bell icon appears steady on the display, and the beep tone sounds in response to button activation.

Roger Beep Tone

The Roger Beep is a tone which is automatically transmitted whenever the PTT button is released and the tone is enabled. This tone alerts the receiving party that the transmission has been terminated intentionally.

To enable and disable the Roger Beep tone:

- From GMRS standby mode, press the MODE Button 5 times (in FRS mode, 4 times) until the flashing Roger Beep icon (🔊) appears with on or oF.
- Press the Up or Down Button to select the tone on or off as desired.
- When enabled, the tone icon (🔊) appears steady on the display.
- Press the PTT button momentarily to confirm selection.

Call Ringer Selection Mode

The transceiver provides a transmit call ring melody at the receiving unit to alert you to an incoming call.

To activate the call ringer melody:

- From GMRS/FRS standby mode, press the PTT button twice in quick succession; a call ring melody will sound at the receiving unit to alert the user to an incoming transmission, provided that unit is equipped with this capability and is set to the same channel.

Channel Scan Operation

This feature allows you to monitor all channels automatically for valid signals. While scanning, you can transmit and receive. When a signal is received, the scan is interrupted and will return to scan mode approximately 5 seconds after reception is terminated.

NOTE: While the SCAN mode is active, the MODE button is inoperative. In addition, the scan mode will reduce the overall battery life since the battery save function is overridden.

To enable the channel scan mode:

- From GMRS/FRS standby mode, momentarily press the Power On/Off Button; **SCAN** will appear on the LCD display
- The radio will automatically display each channel (1-22) in ascending order to find an active main channel.
- When the unit doesn't find any signals and you want to transmit, press the PTT Button to return to primary channel operation. The transceiver will automatically resume scanning approximately 10 seconds after the communication is completed.
- If there is no activity and you want to leave the scan mode, press the Power On/Off button momentarily and the unit will return to normal operation; the **SCAN** icon will disappear from the LCD display.

Technical Specifications:

General	
Frequency Range:	Channels 1 through 7 are shared with FRS radios. Channels 8 through 14 are FRS only. Channels 15 through 22 are GMRS only.
Channel Spacing	12.5kHz
Privacy Codes	38 for each main channel
Dimensions (W x H x D) (Without Antenna)	2.25" W x 6.06" H x 1.125" D (56.0 mm x 154.0 mm x 28.5 mm)
Power Supply	
Power Source	Alkaline Batteries, AAA (4), 6 VDC
Operating Time (Transmit: Receive: Standby) (5: 5: 90 ratio) (Based on alkaline batteries)	16 hours Low Power 12 hours High Power
Receiver	
Useable Sensitivity	>-119 dBm
Maximum Audio Output Power	> 0.3 Watt maximum (12 Ohm)
Modulation Distortion	< 5% (1 kHz 70%)
Transmitter	
RF Output Power	1.0 Watts maximum (high power) 0.45 Watt maximum (low power) +/- 2.5 kHz < 5% (1 kHz 70%)
Maximum Deviation	
Modulation Distortion	

Auto Key Lock Selection Mode

This feature prevents accidental channel change to the preferred settings of the unit. The Auto Key Lock function temporarily disables the MODE, Up/Down and SCAN Buttons.

To access the Auto Key Lock selection menu:

- From GMRS/FRS standby mode, press the Monitor Button momentarily to enable the Auto Key lock function; the unit will beep once and the lock (🔒) icon appears on the display.
- The Power, PTT, and Monitor Buttons are not effected.
- To unlock the Auto Key function, press the Monitor Button momentarily; the unit beeps once and the lock icon (🔒) disappears from the display.

NOTE: If the unit is turned off while Key Lock is on, the Key Lock mode will still be in effect when the unit is again turned on.

VOX Enable Operation

This option enables you to have hands-free conversation. Your voice or nearby sound is detected and the radio transmits without the need to press the PTT button.

To enable VOX operation:

- From GMRS/FRS standby mode, press and hold the MODE button for 3 seconds, or until the **VOX** icon appears on the display.
- To terminate **VOX** operation, press and hold the MODE button for at least 3 seconds; the VOX indication will disappear.

Display Backlight Enable Operation

By pressing the MODE or Up/Down button momentarily, the LCD backlight is turned on; the LCD backlight will turn off automatically in about 5 seconds.

Battery Alert

When the battery icon (🔋) blinks steadily on the LCD panel, recharge the unit or install fresh batteries.

This transceiver complies with FCC regulations for use in the United States of America. Use in other countries may be prohibited or restricted by local regulation. Please check with the local regulating agency before using this device outside the United States of America.

Main Channel Frequencies:

CHANNEL/TYPE		FREQ (MHz)	CHANNEL/TYPE		FREQ (MHz)
1	GMRS/FRS	462.5625	12	FRS	467.6625
2	GMRS/FRS	462.5875	13	FRS	467.6875
3	GMRS/FRS	462.6125	14	FRS	467.7125
4	GMRS/FRS	462.6375	15	GMRS	462.5500
5	GMRS/FRS	462.6625	16	GMRS	462.5750
6	GMRS/FRS	462.6875	17	GMRS	462.6000
7	GMRS/FRS	462.7125	18	GMRS	462.6250
8	FRS	467.5625	19	GMRS	462.6500
9	FRS	467.5875	20	GMRS	462.6750
10	FRS	467.6125	21	GMRS	462.7000
11	FRS	467.6375	22	GMRS	462.7250

NOTE: Channels 1 through 7 are shared with FRS radios. Channels 8 through 14 are FRS only. Channels 15 through 22 are GMRS only.

90 DAY LIMITED WARRANTY

Applies to Audiovox Family Radio and General Mobile Service Products.

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the warranty center at the address shown below.

The Company disclaims liability for communications range of this product.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 12 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

AUDIOVOX ELECTRONICS CORPORATION, 150 MARCUS BLVD., HAUPPAUGE, NEW YORK 11788
1-800-290-6650

128-5385C



© 2007 Audiovox Electronics Corp., Hauppauge, NY 11788

Printed in China

128-7964