WARNING:
- Battery Care
Never attempt to charge alkaline or dry cell batteries, as batteries may burst causing personal injury and damage to the product. If rechargeable batteries are used, such as Nickel Metal Hydride (NiMH), only use the supplied Audiovox-approved rechargeable batteries. Use of the Audiovox charger (also supplied) with other brands of batteries is not recommended, as the charger may not function properly with different battery types. Refer to the manufacturer’s instructions for charging other brands of batteries.

- Battery Disposal
In general, if handled improperly, batteries pose a risk of fire or burns. Do not place the batteries in the fire or water. Dispose of the batteries in a environmentally safe manner and recycle whenever possible.

FCC WARNING
The use of non-original transmission antennas, dipoles or other parts of a unique nature, with parts other than those recommended by the manufacturer, may cause a violation of the technical regulations of Part 15 of FCC Rules.

GMRS LICENSE:
YOUR USE OF THIS RADIO WITHIN THE UNITED STATES REQUIRES AN FCC GMRS LICENSE. AN INDIVIDUAL 18 YEARS OF AGE OR OLDER, WHO IS NOT A REPRESENTATIVE OF A FOREIGN GOVERNMENT, IS ELIGIBLE TO APPLY FOR A GMRS LICENSE. YOU WILL NEED TWO FORMS FROM THE FCC: FCC FORM 159, AND FCC FORM 605 (MAIN FORM AND SCHEDULE F). YOU CAN FIND THE FORMS ONLINE AT HTTP://WWW.FCC.GOV/FORMPAGE.HTML OR CALL 1-800-418-3676.

Model GMRS1582CH (FCC License Required)

- 1. Battery Door
- 2. Monitor (M) Button
- 3. Detachable Carry Clip
- 4. Push To Talk (PTT) Microphone
- 5. Battery/Charge Indicator
- 6. External Speaker(SP) Microphone (MIC)/CHG Jack
- 7. Built-in Speaker
- 8. Liquid Crystal Display (LCD)
- 9. Built-in Microphone
- 10. Up Channel/Volume Button
- 11. Down Channel/Volume Button
- 12. MODE/VOX Button
- 13. Power On/Off Scan Button
- 14. Battery Charging Contacts

The following guidelines will improve performance and provide longer operating times:
1. Do not mix old and new batteries.
2. The use of alkaline-type batteries is recommended to provide the longest operating times.
3. Do not mix alkaline, standard (carbon-zinc) or rechargeable batteries.
4. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can damage the unit and will void the warranty.

Operating Modes and Features
GMRS/FRS Operation:
- Press and hold the Power On/Off button for 2 seconds to turn on the radio.
- To switch between GMRS/FRS channels, press the MODE/VOX button (12) until the desired mode is displayed.
- For additional equipment and accessories for the GMRS1582CH, refer to page 7 and visit the Audiovox web site at www.audiovox.com.

Operating Modes
1. With the unit in standby mode, press the Power On/Off button momentarily to disable or enable the scan function, then press the scan button (13) until the desired mode is displayed.

Channel Selection
In order to communicate with other GMRS/FRS units, both the transmit and receiving party must be on the same frequency. The GMRS1582CH has 22 channels (frequencies) indicated by the large digits on the LCD display panel. Channels 1 through 7 are the shared GMRS/FRS channels. Channels 8-14 are FRS only channels, while channels 15-22 are assigned GMRS only channels. If an FRS only channel (14-18) has been selected, the GMRS icon will not be displayed on the LCD panel; otherwise, for channels 1-7 (FRS/FRS) and 15-22 (GMRS only), the GMRS icon will not be displayed. Communication with Audiovox-approved GMRS/FRS and compatible units is possible on these 22 channels. Before transmitting on the selected channel, press the Monitor (M) button to check the activity on that channel. If there is activity on the selected channel, change to another channel that is clear.

When the PTT button (4) is pressed and held, the radio will transmit on the selected channel. When the PTT button is released, the radio will cease transmission. When the PTT button is pressed again, the radio will transmit the selected channel.

CTCSS Mode (Sub-Channel Selection)
The Coded Tone Controlled Squelch System (CTCSS) has 38 Sub-Frequencies. This feature allows you to utilize the coded squelch tones (01-38) within a main channel and enables you to communicate with another party on the same main channel using the same subcode. (This filters out unwanted transmissions from the same main channel.) Communication is possible to any of the 22 channels and CTCSS Sub-channels.
Key Tone
This feature allows the transceiver to sound a confirmation tone whenever the following keys are pressed: Mode (M) Button, Up/Down Buttons, MODE Button or Scan Button.
To turn the key toner on or off:
- From GMRS/FRS standby mode, press the MODE Button 4 times (5 tics for FRS) until the Beep icon flashes, and on or off 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.

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 allows 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, 3 times) until the flashing Roger Beep icon ( ) appears with On or Off.
- Press the Up or Down Button to select the tone on or off as desired.
- Press the PTT button momentarily to confirm selection.

Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weak signal or no signal received</td>
<td>Poor battery or bad battery connection</td>
<td>Replace batteries</td>
</tr>
<tr>
<td>Incorrect battery polarity</td>
<td>Install the batteries properly or replace them</td>
<td></td>
</tr>
<tr>
<td>Receiver failure</td>
<td>Check the batteries</td>
<td></td>
</tr>
<tr>
<td>Microphone failure</td>
<td>Replace the microphone</td>
<td></td>
</tr>
</tbody>
</table>

Technical Specifications:

- **Frequency Range**:
  - Channels 1 through 7 are shared with GMRS.
  - Channels 8 through 14 are in the FRS band.
  - Channels 15 through 22 are GMRS only.
- **Channel Spacing**: 12.5kHz
- **Privacy Code**: 38 for each main channel
- **Dimensions (W x H x D)**: 2.87 x 1.06 x 1.125" (Without Dial) 2.9 x 1.1 x 1.2" (With Dial)
- **Power Supply**: Alkaline Batteries, AAA (4), 6 VDC
- **Operating Time** (Transmit: Receive) (Standby): 12 hours High Power
- **Receiver**:
  - Maximum Audio Power: > 0.3 Watt maximum (12 Ohm)
  - Distortion: < 5% (1 kHz 100%)
- **Transmitter**:
  - PF Output Power: 0.5 Watt maximum (high power)
  - Distortion: < 4% (1 kHz 100%)

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 Product Sales.

AUDIovox CORPORATION (the Company) warrants to the original retail purchaser of this product that it is free from defects in material and workmanship within 90 days from the date of original purchase, such defect will be repaired or replaced with new or reconditioned product (at the Company’s option) without charge for parts and labor.

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, repair, accident, or by removal or defacement of the factory serial number (or code serial). THE EXTENT OF THE COMPANY’S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND NO EVENT SHALL THE COMPANY’S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER.

This warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE 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 DAMAGES TO ANY PARTY, WHETHER SUCH CAUSE OF DAMAGE IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE. THIS LIMITED WARRANTY EXPRESS OR IMPLIED, WHATSOEVER, NO PERSON OR REPRESENTATIVE IS AUTHORIZED TO GIVE ANY WARRANTY, REPRESENTATION OR GUARANTEE IN CONCERN TO THE SALE OF THIS PRODUCT WHICH IS BEYOND THE SCOPE OF THE EXPRESS CONDITIONS SET FORTH ABOVE.

This warranty is void if it has been tampered with or given any unauthorized exchange or repair. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

© 2005 Audiovox Electronics Corp., Hauppauge, NY 11788
Printed in China