

IMPORTANT SERVICE INFORMATION

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference. Also save the carton, packing and proof of purchase to simplify and accelerate any needed action.



**THIS SYMBOL IS INTENDED TO ALERT
THE USER OF THE PRESENCE OF
IMPORTANT OPERATING AND
MAINTENANCE (SERVICING)
INSTRUCTIONS IN THE OWNER'S
MANUAL.**

99152

CARTON CONTENTS

- 99152 Family Radio Service
- User-Replaceable Belt Clip
- Holder
- User's Manual
- Warranty Card
- Accessory Order Form
- Eight "AAA" Batteries



MAINTENANCE

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your FRS should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.

SAVE THESE INSTRUCTIONS



FCC NOTICE

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

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 undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not

occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment, under 47 CFR 2.1093 paragraph (d)(2). The **(Product name)** has been tested to the FCC exposure requirements (Specific Absorption Rate).

FRS RPRODUCT DESCRIPTION

The Family Radio Service (FRS) is the newest generation in personal two-way communications.

The 99152 is a lightweight, palm-sized two-way radio that can be used up to about two miles with family or friends at parks, shopping malls, sporting events, concerts, any indoor or outdoor activity!

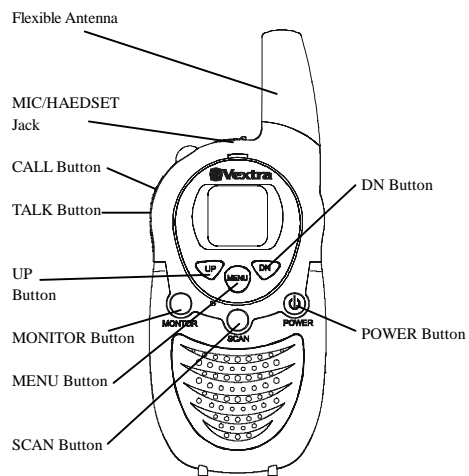
The 99152 is a 22-channel Family Radio Service, which features last channel recall and battery save circuitry.

Please read the user's manual thoroughly to get the most out of your 99152 Family Radio Service.

NOTE: The maximum transmission range will vary depending on terrain and environment. Range will be greater in open fields, while the range is shorter within/around buildings or large structures.

The radio operates on the Family Radio Service (FRS) frequencies when using channels 1-14. It doesn't need to have a FRS license. The radio operates on the General Mobile Radio Service (GMRS) frequencies when using channels 15-22. You must have a GMRS license issued by the Federal Communications Commission to legally use these channels.

99152 CONTROLS DIAGRAM



DESCRIPTIONS

Power Button – Press and hold the Power button for at least 2 seconds to turn on and off the FRS radio. The unit will beep, the LCD panel will display information about your radio, and the panel will be illuminated by a light for several seconds.

Battery Compartment - Houses eight “AAA” type batteries (included).

Belt Clip - For your convenience, a belt clip is included to secure the radio to a belt or any other convenient location.

CALL Button - Used to alert the other user or to identify yourself.

TALK Button - Used for transmitting (making a call).

SCAN Button - Your radio can scan across its 22 channels for any activity. This allows you find other radios without having to change channels.

MENU Button - Used to set channel and calling ringer.

Monitor Button – Lets you listen in on a channel for weak signals.

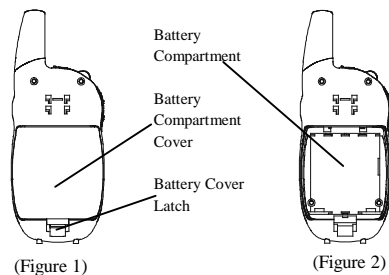
UP /DN Button - Allow you to control the volume level (The LCD displays the volume level by the number of bars on the screen) and change channels. Press the UP button to increase volume. Press the DN button to decrease volume.

External Mic / Headset Jack – A jack located under the protective rubber cover on the top of the unit, the side of the handset is used for connecting your headset to enjoy a hands-free communication.

INSTALLATION

Battery Installation

1. Release the battery cover latch located on the rear side of the unit.
2. Lift up the battery cover from the battery compartment.
3. Install four “AAA” type batteries (included). Please make sure the correct polarities.
4. Reinstall the battery cover.
5. Lock the battery cover latch into position.



NOTE:

1. Your FRS unit has special circuitry designed to extend the life of your battery, when the radio is not used for 4

seconds, it will switch itself into a low power mode. Battery save does not affect the radio's ability to receive transmissions. When a signal is detected, it automatically returns to full power.

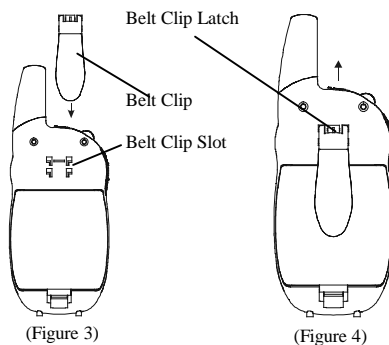
2. Remove the batteries if the unit will not be used for a long period of time.

Installation Belt Clip

1. Slide the belt clip into place into the belt clip slot as shown on figure 3.
2. Ensure you hear a click, to indicate that it is securely in place.

Removing Belt Clip

1. Pull the belt clip latch away from the unit, as shown on figure 4.
2. While pulling the belt clip latch, push up on the belt clip to remove it from the unit.



TELEPHONE OPERATION

Turning the Unit ON

Press and hold the power button for at least 2 seconds. The unit will beep, the LCD panel will display information about your radio, and the panel will be illuminated by a light for several seconds.

Turning the Unit OFF

Press and hold the power button for at least 2 seconds. The unit will beep.

Adjusting the Volume

Press the UP button to increase volume. Press the DN button to decrease volume.

Receiving a Call

The unit is continuously on receive mode when the unit is ON.

Transmitting a call

Press and hold the CALL button to transmit. The green LED will light up. The other unit will make a 2 second call tone.

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

Changing Channels

1. Press the MENU button. The channel number on the display panel will begin to flash.
2. While the number is flashing, press the up or down buttons until you reach the desired channel.

3. Press the MENU button to confirm.
4. Press UP or DN button to select desired calling ringer (1, 2, 3, 4, 5, 0 =off).
5. Press the MENU button again to set the channel.

Channel scan

Your radio can scan across 22 channels for any activity. This allows you find other radios without having to change channels.

1. Press the SCAN button (The channel display will change as it scans through the channels).
2. Press the TALK or MENU button to stop the scan and communicate.

Monitor

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

- Press the MONITOR Button for normal monitoring.
- Press and hold the MONITOR Button for at least three seconds for continuous monitoring.

Channel Lock

This feature locks the channel adjustment buttons on the front to the unit so that the channel can not be changed accidentally.

To Lock the channel:

Press and hold the MENU and UP buttons together for 2 seconds until you hear a “beep” sound ,The lock symbol (shaped like a key) will appear on the LCD display.

To Unlock the channel :

Press and hold the MENU and UP buttons together for 2 seconds until you hear a “beep” sound again ,The lock symbol in the LCD display will disappear.

TROUBLESHOOTING

| SYMPTOM | SOLUTION |
|---------------------------|--|
| Does not turn on | <ul style="list-style-type: none"> • Check batteries. Ensure that the batteries are installed properly. • The batteries may be weak. Replace old batteries with eight new “AAA” Alkaline batteries. |
| Reception is weak | <ul style="list-style-type: none"> • Press the UP button to increase volume. • The receiving signal may be weak and out of range. If this happens, press the MONITOR button. |
| Range is limited | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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. |



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