



Owner's Manual
Model FR530-2
Two Way Family Radio



Your transceiver will achieve its maximum operating range when communicating with other transceiver(s) in a flat open area with no trees or buildings obstructing its signal. Range may be up to two miles under such conditions. Obstacles such as buildings, trees or mountains will tend to reduce the transceiver's effective range.

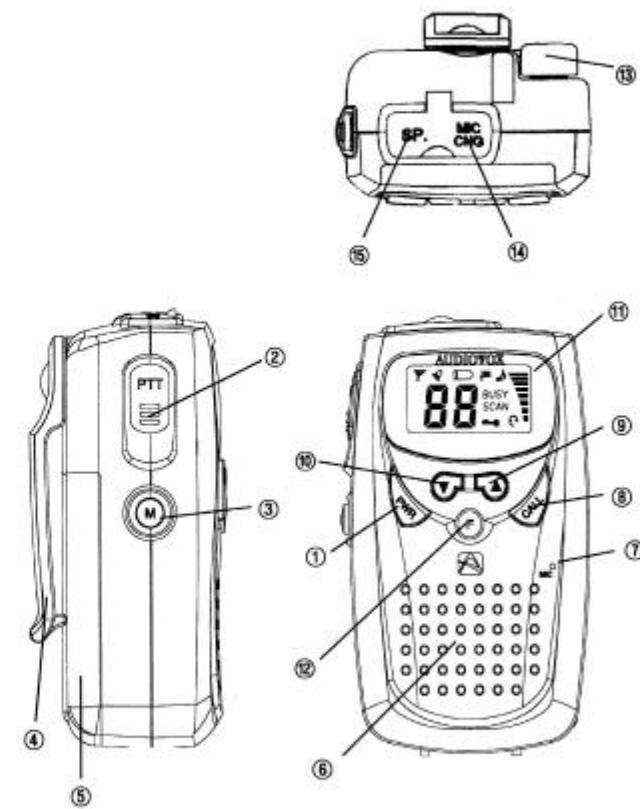
FCC WARNING

Replacement or substitution of transistors, diodes 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**.

Your FR530-2 Family Radio is a portable, easy to use, two-way radio that you can carry almost anywhere. It is skillfully constructed to give you reliable communications for many different applications. The FR530-2 is ideal for use around the house, in your boat, on hunting and camping trip, on the ski slopes or at the mall.

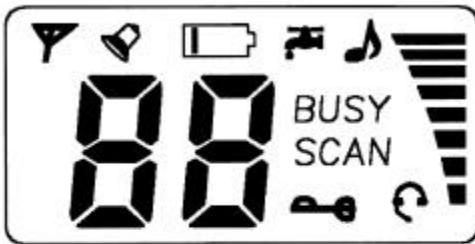


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1. **Power Button** : Press and *hold* this button for 2 seconds to turn the transceiver on or off
2. **PTT (Push-To-Talk) Button** : Press and hold to transmit. Release to receive.
3. **Monitor Button** : Press and *hold* to bypass the squelch and listen to channel activity.
4. **Belt Clip**
5. **Battery Compartment**
6. **Speaker**
7. **Microphone**
8. **Call Button** : Press this button to send a ringing sound to other radios tuned to the same channel.
9. **Up Button** : Press this button to increase the volume or channel setting or function selection.
10. **Down Button** : Press this button to decrease the volume or channel setting or function selection.
11. **LCD Display** : Displays all function.
12. **Function Select Button** : Press this button to change function.
13. **Antenna** : Rotate counterclockwise when transceiver is in use
14. **Microphone/Charger Jack** : For use with an external microphone / PTT button and optional battery charger
15. **Speaker Jack** : For use with an Audiovox approved headset accessory only.



	Displayed during transmitting.
	Displayed during pressing call button.
	Displayed during battery is low.
	Active during power save mode.
	Displayed Beep on/off mode.
	Channel number is changing from 1 to 14.
	Displayed during pressing monitor button and receiving a signal.
	Displayed during Scanning
	Press and hold Function Button until Key Lock symbol is displayed.
	Displayed when vox function is operating.
	Show current volume level.

Your FR530-2 requires three "AAA" alkaline cells or three rechargeable "AAA" cells. Alkaline batteries will provide the best performance from your transceiver. Remove the battery cover by rotating the belt clip away from the battery compartment. Slide the battery cover downward while applying pressure at the its grooved section. Observe the polarity symbols inside the battery tray when installing the batteries.

CAUTION:

- Incorrect battery installation can damage the unit.
- The microphone / charger jack is intended for use with Audiovox approved charging accessories only. Refer to the documentation included with the battery charger.
- Never attempt to charge alkaline batteries with the optional battery charger.



Turning the Unit ON

Press and hold the power button. The unit will beep and the LCD display will briefly display a self-test screen.

Turning the Unit OFF

Press and hold the power button. The unit will beep and the LCD display will turn blank.

Adjusting the Speaker Volume

- Press the UP (▲) button to increase volume.
- Press the DOWN (▼) button to decrease volume.
- The LCD displays volume level on lower right corner by the number of bars.

Receiving a Signal

The unit is continuously in the RECEIVE mode when the unit is ON. When you receive a signal on the current channel, the LCD display will show

Transmitting a Signal

1. Push and hold the PTT button to transmit.
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 you are currently using. Refer to the "Changing Channels" section for more information.

Changing Channels

FR530-2 has 14 available channels. To change channel :

1. Press and function button until the channel number digit flashes on the LCD panel.
2. While the channel number is flashing:
 - Press the UP (▲) button for higher channel.
 - Press the DOWN (▼) button for a lower channel.
 - The channel changes from 1 to 14, or from 14 to 1, repeatedly.
3. Press the function button or PTT button to select the desired channel and return to normal mode.

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

Monitor

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

- ▶ Press and hold the MONITOR button till it beeps. MONITOR works continuously until released-pressed MONITOR again .
- ▶ Press the MONITOR button for channel skipping during SCAN mode.

Key Lock

- ▶ Press and release Function button Lock to light up the LCD display.

The back light will automatically shut off after 4 seconds when no key operation is made.

- ▶ Press and hold the Function button until the **KEY LOCK** symbol is displayed . Volume and channel change is disabled during KEY LOCK mode. Press the Function button the same manner again to release KEY LOCK mode.

Channel Scan

The SCAN activity works in an endless channel loop from 1 to 14

1. Press the Function button until flashes.
While the scan mark is flashing.
▶ Press the up(▲) or down(▼) button
2. When an active signal (one of 14 channels) is detected, SCAN pauses keeping the active signal broadcasted.
Press PTT if you wish to communicate through the active signal channel.
Then SCAN is stopped at the active channel. But if communication is not desired, press UP/DOWN button to continue searching.

3. Press the SCAN button to deactivate channel scan. The SCAN stops at starting channel when no detection is made. But the SCAN stops at a different channel when detection is made.

Battery Level / Low Battery Indication

- ▶ When the battery level is low, the battery icon will flash to indicate that the batteries need to be replaced.

Vox Function

1. Press the function button until  mark flashing in the LCD.
2. While the  mark is flashing, press up/down button to select the function.

Beep on/off

1. Press the function button until  mark flash in the LCD.
2. While the  mark is flashing.
Press up/down button to select Beep on/off function.

Sending Call Toned

You can use Call Tones to alert the other user or to identify yourself.

You can also use Call Tones to signal the beginning or the end of transmission.

1. Press and release the CALL button.
2. Your Call Tones will transmit.

Dual channel

Power save mode

Accessory Connection

FR530-2 model is designed to work with various accessories.

When those accessories are connected through ACCESSORY CONNECTOR, the headphone symbol will display on LCD indicating FR530-2 is operating with accessories.

Accessories Available

The following accessories work with FR530-2.

- Charging Kit
(NI-MH Rechargeable Batteries and AC/DC Adapter)
- Speaker Microphone with Lapel Clip
- VOX Headset
- Neck Strap
- Carrying Case

- Remove the batteries from the transceiver if it is not expected to be used for long periods. This will eliminate the possibility of battery acid leaking from the batteries and corroding the transceiver.
- Avoid exposing the unit to water or extremes of temperature.
- Do not use 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.
- Do not use this device or charge its batteries in potentially explosive atmospheres as sparks in such areas could result in an explosion.
- Turn your transceiver off wherever posted notices restrict the use of radio 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 transceiver in front of a vehicle's air-bag. If the air-bag deploys, it could propel the transceiver like a projectile.
- This transceiver complies with F.C.C. regulations for use in the United States. Use in other countries may be prohibited or restricted by local regulation. Please check with the local regulating agency before using this device outside of the United States.

Channel: 14
Output Power : 500mW ERP
Battery Life
Alkaline : 30 – 35 Hours
Power Source : 4.5V DC

* These specifications are subject to change without notice.
They represent typical values, individual units may vary.

Channel Frequencies:

Channel	MHz	Channel	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

90 DAY LIMITED WARRANTY

Applies to Audiovox Family Radio Service Products.

AUDIOVOX CORPORATION (the Company) warrants to 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 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF 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 connection with the sale of this product.

AUDIOVOX CORPORATION, 150 MARCUS BLVD., HAUPPAUGE, NEW YORK 11788