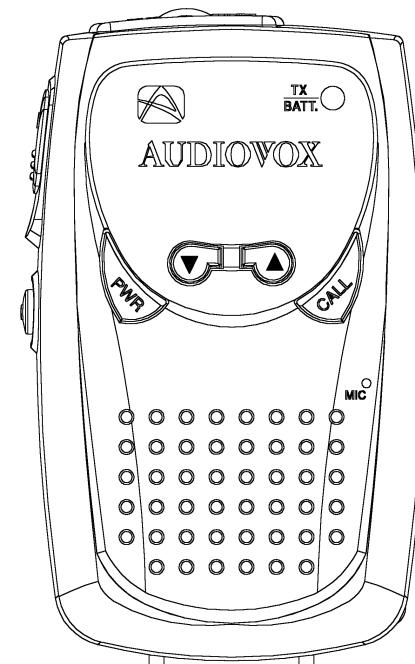




Owner's Manual
Model FR500-2
Two Way Family Radio



◆ PERFORMANCE

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**.

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 THIS 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

CONGRATULATIONS ON YOUR SELECTION
OF THE FR500-2(FAMILY RADIO)

It is one of the most sophisticated and reliable two way
family radios available

BEFORE OPEATING YOUR FR500-2(FAMILY RADIO)
READ THIS MANUAL CAREFULLY

◆ OPERATION

Low Battery Indication

- ▶ When the battery is low, RX/BATT. LED Lamp will flash to indicate that the batteries need to be replaced.

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.

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.

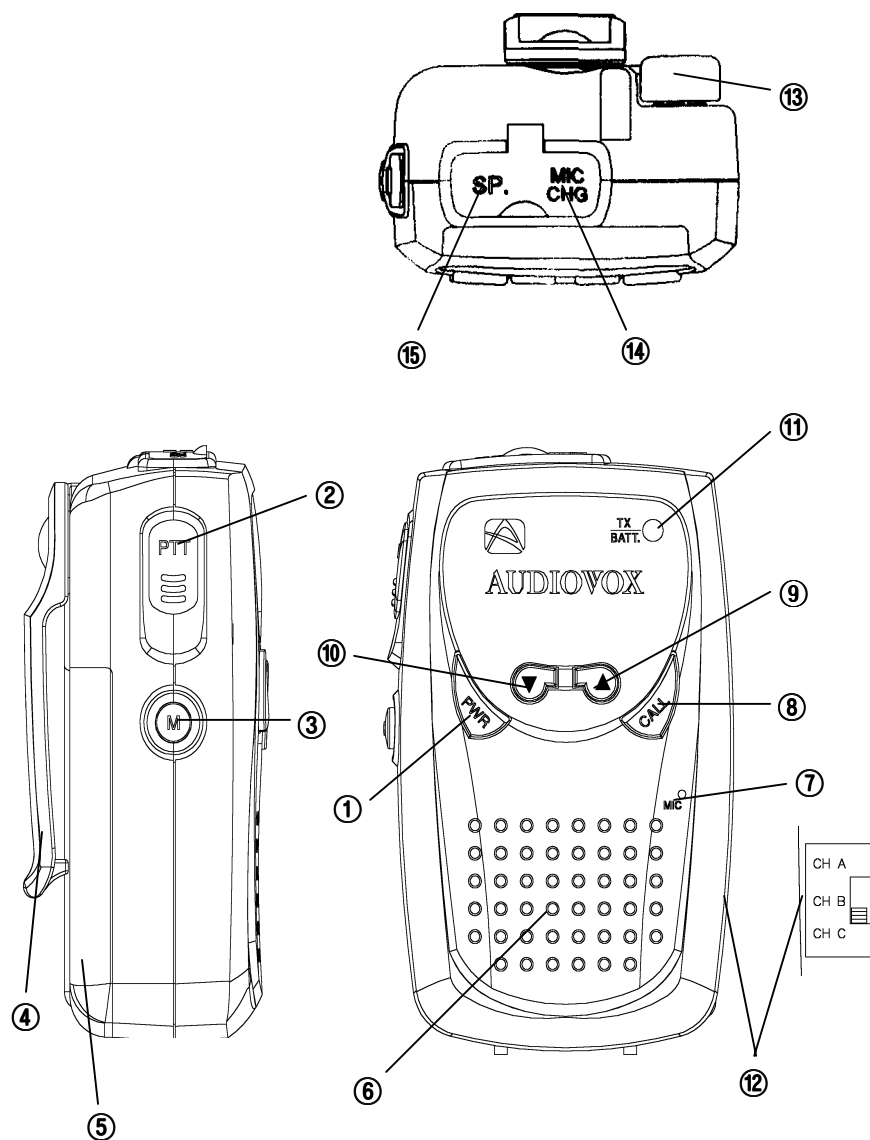
Accessories Available

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

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. **LED Lamp** : Illuminates red when transmitting or, flashing when the battery power is low.
12. **Channel Select Switch** : This button to change the channel setting
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.

◆ FUNCTION AND LOCATION OF THE CONTROLS

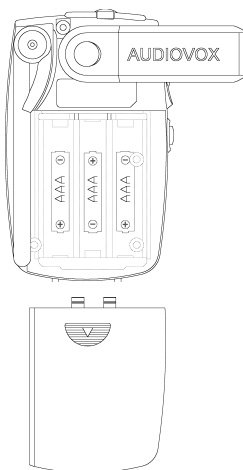


◆ WARNING

- 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.

◆ BATTERY INSTALLATION

Your **FR500-2** 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.

◆ OPERATION

Turning the Unit ON

Press and hold the power button.

Turning the Unit OFF

Press and hold the power button.

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.

◆ OPERATION

Transmitting a Signal

1. Push and hold the PTT button to transmit. The TX/BATT. LED will light up in red.
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.

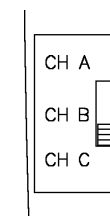
NOTE : In order for other people to receive your transmission, they must also be on the same channel you are current using. Refer to the “Changing Channels” section for more information.

Changing Channels

FR500-2 has 3 available channels.

To change channel :

1. Push switch to the top = CH A
 2. Push switch to the middle = CH B
 3. Push switch to the bottom = CH C
- ▶ The channel changes from A to B, or from B to A, repeatedly.



< CHANNEL SELECT SWITCH >

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.

◆ SPECIFICATIONS

Channel : 3
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
A	462.5625
B	467.5625
C	467.7125

◆ FEATURES

Your FR500-2 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 FR500-2 is ideal for use around the house, in your boat, on hunting and camping trip, on the ski slopes or at the mall

