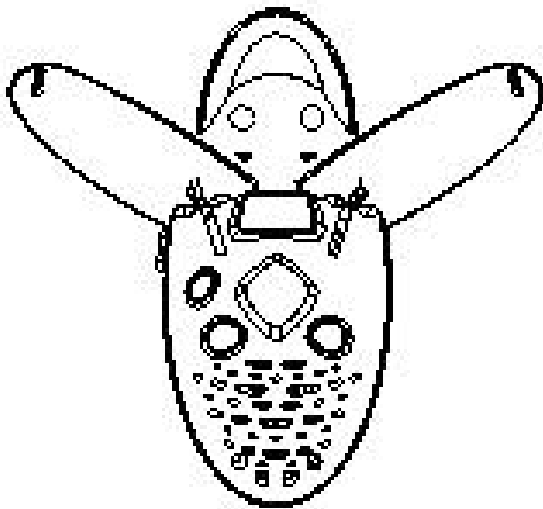


Two-Way Personal Radio



- 14 Channels
- 200mW Output Power
- No License Required!
- Unique LCD Display
- Dual-color LCD

Backlight

- Automatic Squelch
- Call Button
- Insects sound tones

Features

Family Radio Service (FRS) is a license-free, two-way, short-range voice radio service that lets families and groups keep in touch with each other on specific reserved channels. This walkie talkie is recommended for children ages 6 to 13.

Your RadioShack 14 Channel Personal FRS 2-Way Radio is a lightweight, palm-sized radio you can use to talk with another person who has a FRS radio set to the same frequency as your radio.

Your radio has auto-squelch, so you will not hear anything on a channel unless someone is transmitting nearby on the same channel.

Your radio has last channel memory retention. It automatically resumes on the last channel you monitored when you turn on the radio.

Your radio's display has a backlight that turns on for about 10 seconds when you press the Up or Down key.

Your radio's other features include:

14 Channels – provide clear communications for up to two miles.

Key Beep – generate insect sound when you acknowledge call with key press.


Channel Lock – allows the active channel to be locked for next use.





Installing Batteries

Your radio requires 3 AAA alkaline batteries for power. For the best performance and longest life, we recommend RadioShack batteries.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (alkaline or rechargeable).

1. Rotate **VOL/OFF** counterclockwise until it clicks to turn off the radio.
2. Use a Philips screwdriver to loosen the screws in the battery door, then lift the door off.
3. Install 3 AAA batteries according to the polarity symbols (+ and -) marked inside.
4. Replace the cover and then rotate **VOL/OFF** clockwise until it clicks to turn on the radio.
5. The battery indicator  on the bottom of the LCD display shows how much power remain. The battery indicator displayed the battery power in 4 levels:

-  ————— Battery full
-  ————— Below 70% battery capacity
-  ————— Below 30% battery capacity
-  ————— (Blinking) Battery depleted


Warning:
Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution:
If you do not plan to use the radio for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

To Communicate

1. Rotate **VOL/OFF** to turn the radio on and off and adjust the volume. When the radio is on, Battery Level indicator will show the state of the batteries.

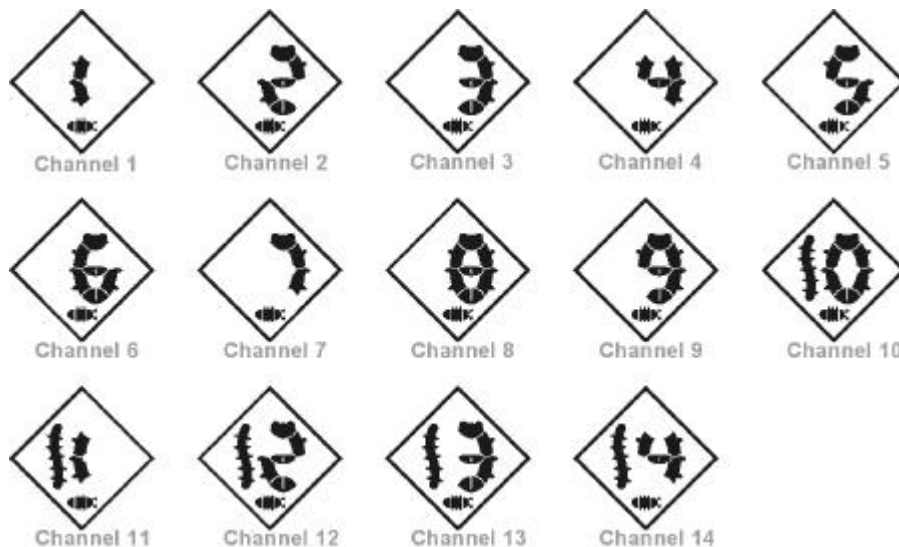
Note: If you do not press any button on the radio or the radio receives no signal after 10 seconds, a built-in energy saving system switches on automatically to reduce power consumption and lengthen standby time.

2. Slide switch up, the Bug's wing will be opened automatically.
3. Hold down **PTT** (Push-To-Talk) and speak into the microphone to transmit. Transmit icon [] appears. When you finish your transmission, release **PTT**.

Note: If you hold down **PTT** continuously for about 2 minutes, the radio will assume the button is being pressed accidentally and the radio automatically stops transmission to save power.

Selecting Channel

To manually select a channel, press **Up** or **Down** key. The selected channel number appears as shown.




Note: The channel number will scroll rapidly if you press and hold **Up** or **Down** key.


FRS Frequencies

<i>Channel No.</i>	<i>Frequency (MHz)</i>	<i>Channel No.</i>	<i>Frequency (MHz)</i>
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

Call Tone

Hold down **CALL** to send a page to other FRS radios set to the same channel. Transmit icon [] appears and the call tone sounds. After you hold down **CALL** for about 6 seconds, the tone stops. During call tone generation, the backlight will change from green to Amber and then to Red. Finally, the Red color backlight will flash if the user is still holding the **CALL** key after Call tone generation was terminated.

Channel Lock

You can lock the **Up** or **Down** key to prevent accidental changes of the channel number. The lock switch is located in the battery cabinet. If you press **Up** or **Down** key during channel lock, the word LOCK [] will be scrolled in the LCD display until the **UP/DOWN** key is released or the **PTT/CALL** key is pressed.

Use of Carabiner

You can attach the carabiner provided to the “feeler” of your radio lug. Then you can hook your radio to your bag.

Care

Keep the radio dry; if it gets wet, wipe it dry immediately. Use and store the radio only in normal temperature environments. Handle the radio carefully; do not drop it. Keep the radio away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your radio is not performing as it should, take it to your local RadioShack store for assistance.

FCC Information

Important: Do not open your radio to make any internal adjustments. Your radio is set up to transmit a regulated signal on one of 14 assigned frequencies. It is illegal to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by a qualified technician using the proper test equipment.

To be safe:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by:

- Moving your radio away from the receiver.
- Calling your local RadioShack store for help.

If you cannot eliminate the interference, the FCC requires that you stop using the radio.

This device complies with Part15 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.

SAFETY INFORMATION

Your wireless hand-held portable transceiver contains a low power transmitter. When the Push-to-Talk button is pushed it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

IMPORTANT: To maintain compliance with the FCC's RF exposure guidelines hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face. If you wear the handset on your body while using the headset accessory, use only the supplied belt clip for this product and when transmitting, take it out of the belt to ensure that the antenna is at least 1 inch (2.5 centimeters) from your body.

Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and damage the transmitter and may violate FCC regulations

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Specifications

Frequency Range	462.5625 – 467.7125MHz
Channels	14
RF Output Power	200mW ERP
Power Supply	4.5VDC (3 x AAA Alkaline)
Operation Temperature	-4 to 122 °F (-20 to 50 °C)
Dimension (HWD).....	126mm(H)x58mm(W)x34mm(D)
Weight	90g

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.