

## Two-Way Personal Radio

OWNER'S MANUAL — Please read before using this equipment.

RadioShack welcomes you to the next generation of personal communication — the Family Radio Service (FRS). FRS is a new license-free, two-way, short-range voice radio service that lets families and groups keep in touch with each other on specific reserved channels.

Your RadioShack Two-Way Personal Radio is a lightweight, palm-sized radio that you can carry almost anywhere. Its bright color helps it stand out in a crowd. Your radio has these features:

**Two-Channel Operation** — you can set the radio on either of two frequencies, letting you talk with another person who has an FRS radio set to the same frequency as your radio (462.5625 MHz, FRS Channel 1, or 467.5625 MHz, FRS Channel 8).

**300 mW Transmit Power** — lets you transmit up to a 2-mile range.

**Multi-Tone Call Button** — lets you signal other FRS radios.

**Retractable Cellular-Style Antenna** — you can extend the radio's antenna for maximum transmit range.

**Power LED Indicator** — helps you easily see when the radio is on.

Your radio has *auto-squelch*, which means you will not hear anything on a channel unless someone is transmitting nearby on the same channel. You can use **MON** (monitor) to temporarily turn off auto-squelch and hear weaker, distant transmissions.

### FCC STATEMENT

**Important:** Do not open your radio to make any internal adjustments. Your radio is set to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments made to your radio must be made by a qualified technician using the proper test equipment.

To be safe and sure:

- 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.

Using your radio as described in this manual exposes you to RF energy well below the FCC's recommended limits. 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.

## PREPARATION

### Installing Batteries

Your radio requires four AAA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

#### Cautions:

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

Follow these steps to install batteries.

1. Rotate the On/Off/Volume control fully clockwise until it clicks to turn off the radio.
2. Press the raised dots on the battery compartment cover, then slide the cover down to remove it.
3. Place the batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the cover.

The radio's range decreases as battery power decreases. If the radio sounds a series of tones for about 5 seconds and will not transmit or receive, or a tone sounds whenever you press **PTT**, **MON**, or **CALL**, replace the batteries.

**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 week or more, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

### Selecting a Channel

1. Remove the battery compartment cover.
2. Remove the battery at the bottom of the radio (if installed).
3. Use a pointed object, such as a straightened paper clip, to slide the switch inside the battery compartment to **CH 1** (to set the radio to transmit or receive on Channel 1) or to **CH 8** (to set the radio to transmit or receive on Channel 8).
4. If necessary, replace the battery you removed in Step 2.
5. Replace the cover.

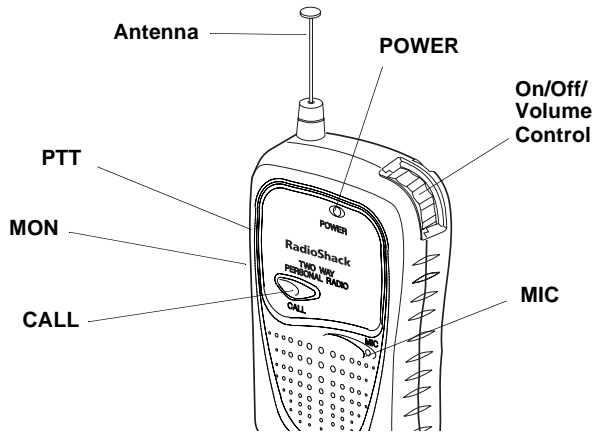
### Attaching the Belt Clip

Slide the belt clip from the bottom of the radio onto the tab on the back of the radio until it clicks. Then slide the clip over your belt. To remove the clip, pull up on the middle tab of the clip and slide the clip down.

### Attaching an Optional Safety Chain

To use an optional safety chain (available at your local RadioShack store), clip the chain to the bar behind the On/Off/Volume control.

### OPERATION



**Antenna** — extend when receiving and transmitting.

**POWER** — lights when the radio is on.

**On/Off/Volume Control** — rotate to turn the radio on and off and adjust the volume. Warbling tones sound when you turn the radio on.

**MIC** — microphone

**CALL** — hold down to page another radio tuned to the same frequency. The radio sounds a tone. Release **CALL** to stop the tone.

**MON (monitor)** — press to hear everything happening on a channel, including weak transmissions. Release **MON** to turn auto-squelch back on.

**PTT (push to talk)** — press to transmit. Speak into **MIC**, then release at the end of your message.

### CARE

To enjoy your Two-Way Personal Radio for a long time:

- 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 gently and carefully. Do not drop it.
- Keep the radio away from dust and dirt.
- Wipe the radio 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.

### SPECIFICATIONS

Number of Channels .....	2 (FRS Channel 1 and Channel 8)
Frequency .....	462.5625 MHz or 467.5625 MHz
Battery Life	
Alkaline .....	22 hours (1050 mAh)
Ni-CD .....	7 hours (300 mAh)
Power Output .....	300 mW
Audio Distortion .....	5%
Operating Temperature. ....	17.6° to 122°F (-8° to 50°C)
Dimensions (without Belt Clip) (HWD) .....	2 <sup>3</sup> / <sub>8</sub> × 3 <sup>1</sup> / <sub>2</sub> × 1 <sup>1</sup> / <sub>4</sub> in (60 × 89 × 31 mm)
Weight (with Batteries) .....	5.4 oz (152 g)

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

#### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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