

# Personal FM Transceiver

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

Your RadioShack 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.

Your RadioShack Personal FM Transceiver is a lightweight, palm-sized radio that you can carry almost anywhere. Use it at shopping malls, amusement parks, or sports events to contact family and friends, or in a neighborhood watch for vital communications. You can talk with another person who has an FRS radio set to the same frequency (462.5625 MHz, FRS Channel 1) as your radio.

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

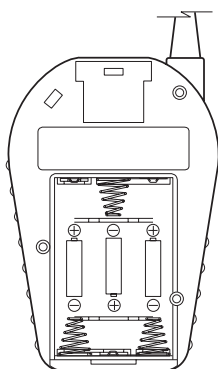
If you do not transmit for at least 6 seconds, the radio automatically switches to a power save mode and returns to full power when it receives a transmission or you press any key.

## INSTALLING BATTERIES

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

**Note:** You can also use Ni-Cd rechargeable batteries in the radio and recharge them, using a separate battery charger, available at your local RadioShack store.

1. Rotate **OFF** fully downward until it clicks, then slide off the battery compartment cover in the direction of the arrow.
2. Install the batteries, matching the polarity symbols (+ and -) inside.
3. Replace the cover.



The radio's range decreases as the battery power decreases. To ensure maximum range, keep fresh batteries in the radio.

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

**Caution:** Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

**Important:** The EPA certified RBRC<sup>®</sup> Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's in-



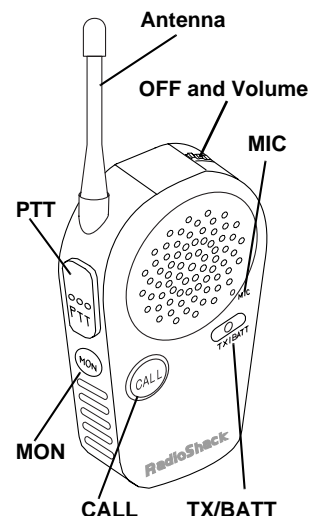
volvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

## USING THE RADIO

1. To turn on the radio, rotate **OFF** upward until it clicks. A melody sounds when you turn it on. If you do not want the melody to sound, hold down **PTT** (push to talk) when you turn on the power.
2. Adjust the volume to the desired listening level.
3. To talk, hold down **PTT**. When the TX/BATT indicator lights, speak into the microphone.

**Note:** If the TX/BATT indicator lights when **PTT** is not held down, replace the batteries.

4. When you finish speaking, release **PTT**.



## Talk Confirmation

You can set the radio so a confirmation tone sounds when you release **PTT**. The tone alerts another person you are talking to that you have finished talking. To turn on this feature, hold down **CALL** while turning on the radio. To turn off this feature, turn off the radio.

To hear everything happening on a channel, including weak transmissions, hold down **MON**. Release **MON** to turn auto-squelch back on.

You can cause a paging tone to sound on all radios tuned to FRS Channel 1. To send a page, press **CALL**.

## THE BELT CLIP

To attach the belt clip, slide it down until it locks into place. To remove the belt clip, pull the tab and slide the belt clip up.

## USING A WRIST STRAP

You can attach an optional wrist strap or pager chain (neither supplied) to the wrist strap hole behind **OFF**.

RadioShack has a wide variety of pager chains available.

## AUTO POWER SAVE

Your radio saves battery life by reducing the power the radio uses until it receives a signal or you press a key. Because the receiving radio might be using power save mode, wait about 1 second after pressing **PTT** to allow the receiving radio to come to full power before speaking into the microphone.

## FCC INFORMATION

**Important:** Do not open your radio to make any internal adjustments. Your radio is set up 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

Using your transceiver 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.

## CARE

To enjoy your 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 the radio's 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

Channel .....	1
Power Output .....	50 mW ERP
Frequency .....	462.5625 MHz
Battery Life:	
<b>Transmit Mode</b>	
Alkaline .....	7 Hours (1050 mAh)
Ni-Cd .....	2 Hours (300 mAh)
<b>Standby Mode</b>	
Alkaline .....	79 Hours (1050 mAh)
Ni-Cd .....	22 Hours (300 mAh)
Operating Temperature .....	-4° to 122°F (-20° to 50°C)
Weight (with Batteries) .....	3.5 oz (98 g)
Dimensions (HWD) .....	3 <sup>3</sup> / <sub>8</sub> × 2 <sup>3</sup> / <sub>16</sub> × 1 in (84.5 × 56 × 25.7 mm)

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.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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