

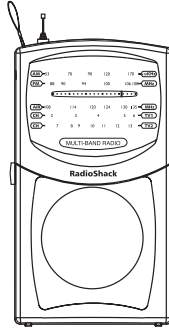


Multiband Portable Radio



Owner's Manual
Please read before using this equipment.

Your RadioShack MultiBand Portable Radio is ideal for monitoring transmissions between pilots and other planes or air traffic control facilities. Or, you can tune to the AM or FM radio band, or audio from a favorite TV show. Its handy size and fixed wrist strap let you enjoy news, sports, talk shows, and weather reports almost anywhere.



FCC DECLARATION OF CONFORMITY

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.

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Product:	Multiband Portable Radio
Model:	12-817
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

THE FCC WANTS YOU TO KNOW

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 connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your radio.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.



POWER SOURCES

You can power your radio with:

- three AA batteries (not supplied)
- standard AC power using an optional AC adapter (not supplied)
- vehicle battery power using an optional DC adapter (not supplied)

Using Batteries

1. Remove the battery compartment cover by sliding it in the direction of the arrow.
2. Install three fresh AA batteries over the ribbon in the compartment, as indicated by the polarity symbols (+ and -) inside the compartment.

Cautions:

- Use only fresh batteries of the required size and type. Never mix new and old batteries, or batteries of different types.
- To protect the radio from battery leakage, never leave dead, weak or old batteries in the radio. If you do not plan to use the radio for a month or more, or if you plan to use an AC or DC adapter, remove the batteries.
- Always dispose of old batteries promptly and properly.

Note: When the radio does not operate properly or the sound weakens or distorts, replace the batteries.

Using AC or DC Power

You can power the radio using a 4.5V, 150mA AC or DC adapter and a size M Adaptaplug™ adapter (neither supplied). Both are available at your local RadioShack store.

Cautions:



You must use a (Class 2 for AC power) power source that supplies 4.5V DC and delivers at least 150 mA. Its center tip must be set to positive and its plug must fit the radio's 4.5V jack. Using an adapter that does not meet these specifications could damage the radio or the adapter.

- Always connect the adapter to the radio before you connect it to power. When you finish, disconnect the adapter from power before you disconnect it from the radio.
- To use DC power, your vehicle must have a 12-volt DC, negative-ground electrical system.

Note: Connecting an adapter automatically disconnects internal batteries.

1. If necessary, set the adapter's voltage switch to 4.5V.

2. Insert the Adaptaplug's twin connectors into the adapter cord's smaller end so it reads TIP + POS.
3. Insert the adapter's barrel plug into the radio's **DC 4.5V** jack.
4. Plug the adapter into a standard AC outlet (for AC power) or a vehicle's cigarette-lighter socket (for DC power).

CONNECTING THE EARPHONE

For private listening, insert the $\frac{1}{8}$ -inch (3.5 mm) plug of the supplied mono earphone (stored in the battery compartment) into the earphone jack on the side of the radio.

Note: Connecting the earphone automatically disconnects the built-in speaker.

Listening Safely

To protect your hearing, follow these guidelines when you use the earphone.

- Do not listen at extremely high volume levels. Extended, high-volume listening can lead to permanent hearing loss.
- Set the volume to the lowest setting before you begin listening. After you

begin listening, adjust the volume to a comfortable level.

- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

Traffic Safety

Do not wear earphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and is illegal in some areas.

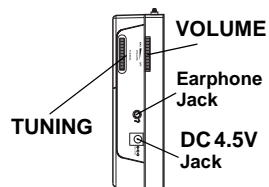
Even though some earphones are designed to let you hear some outside sounds when listening at normal volume levels, they still present a traffic hazard.

OPERATION

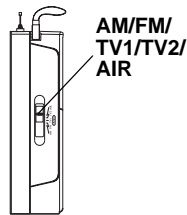
The radio lets you listen to AM, FM, TV1, TV2 and AIR band radio broadcasts.

Playing the Radio

1. To turn on the radio, turn **VOLUME** toward **MAX** until it clicks.



2. Set **BAND** **AM/FM/TV1/TV2/AIR** to the desired band.
3. Adjust **TUNING** to the desired station.



Notes:

- Rotate the radio (the AM antenna is built in) to the position that produces the best AM reception.
- For the best FM reception, fully extend the telescoping antenna.

4. Adjust **VOLUME** to a comfortable listening level.
5. To turn off the radio, turn **VOLUME** towards **OFF** until it clicks.

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. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your radio until you have resolved the problem.

SPECIFICATIONS

Frequency Range:

AM 530 – 1710 kHz

FM 88 – 108 MHz

TV1 (Channel 2 – 6) 59 – 88 MHz

TV2 (Channel 7 – 13) 178 – 217 MHz

AIR 108 – 135 MHz

Power Output

(at 10% THD) 150 mW

Power Requirement DC 4.5V
(3 AA batteries)
or adapter

Dimensions

(HWD) $5^{15/16} \times 3^{1/8} \times 1^{9/16}$ inches
(151 × 80 × 39 mm)

Weight

(without batteries) 8.6 oz (243 g)

Antenna

FM Telescoping Antenna

AM Built-In Antenna

Accessory mono earphone with
 $1/8$ inch (3.5 mm) plug (supplied)

Speaker $2 \frac{1}{4}$ inches (57mm)
8 Ohm Impedance

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 re-installation.

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

We Service What We Sell

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