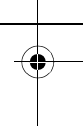
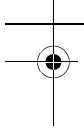


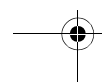
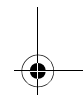
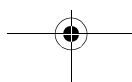
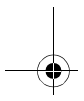
Cat. No. 33-1185
OWNER'S MANUAL

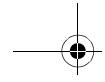
Please read before using this equipment.

Rechargeable 900 MHz Wireless Stereo Headphones



RadioShack®





INTRODUCTION

Your RadioShack Rechargeable 900 MHz Wireless Stereo Headphones bring you the latest in wireless headphone technology. They use the 900 MHz band to deliver high-quality stereo sound to almost anywhere in or around your home. The signals from your audio source can easily travel through walls and floors, so you can enjoy your favorite sounds without disturbing others while you exercise or work around your yard or house — up to 150 feet away from your stereo. Its features include:

Adjustable Deluxe Headphones — headband automatically adjusts for the most comfortable fit.

Supplied Rechargeable Nickel-Cadmium Batteries, Y Adapter Cable, 1/4-Inch Adapter Plug, AC Adapter, Charging Cable — everything you need to power the headphones and connect them to your home audio system.

Charging Jack — lets you charge rechargeable alkaline batteries in the headphones.

Charging Indicator — lets you see when the batteries are charging.

Volume Control — lets you easily adjust the volume to a comfortable listening level without adjusting the audio source.

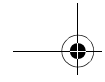
THE FCC WANTS YOU TO KNOW

Your Wireless Stereo Headphones might cause TV or radio interference even when they are operating properly. To determine whether your headphones are causing the interference, turn off the headphones. If the interference goes away, your headphones are causing the interference. Try to eliminate the interference by:

- moving your headphones' transmitter away from the receiver
- connecting your headphones' transmitter to an outlet that is on a different electrical circuit from the receiver
- contacting your local RadioShack store for help

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

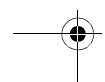
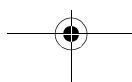
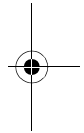
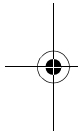
Note: Your headphones are subject to interference from other devices, such as cordless phones, wireless speakers, and other wireless headphones that operate on the same frequencies. If you experience interference, try moving the headphones away from the other device.



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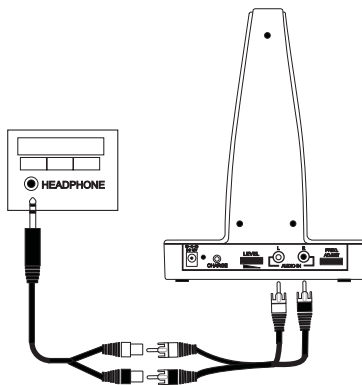
PREPARATION

CONNECTING TO AN AUDIO SOURCE

Caution: Do not connect the transmitter to the audio source's speaker output. Doing so could damage the transmitter and audio source.

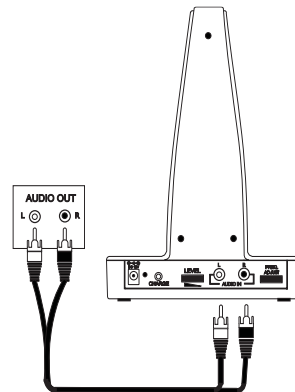
Connect the transmitter to your audio source's stereo headphone jack or to separate left and right audio output jacks (if available). If you connect the transmitter to audio output jacks, you can use the headphones' volume control to adjust the volume without turning up the volume on your audio source.

To connect the transmitter to your audio source's stereo headphone jack, plug the single ($\frac{1}{8}$ -inch) end of the supplied Y adapter cable into the headphone jack and connect the other ends into the supplied stereo audio cable (red plug to red jack and white plug to white jack). Then connect the red plug to transmitter's **R/AUDIO IN** jack and connect the white plug to the **L/AUDIO IN** jack.



Note: To connect a Y-adapter to a $\frac{1}{4}$ -inch headphone jack, slip the supplied $\frac{1}{4}$ -inch adapter plug over the $\frac{1}{8}$ -inch plug and complete the connections.

To connect the transmitter to your audio source's audio output jacks, connect one end of the supplied stereo audio cable to the transmitter's **R/AUDIO IN** and **L/AUDIO IN** jacks (red plug to **R/AUDIO IN** and white plug to **L/AUDIO IN**). Then plug the other ends into the audio source's audio output jacks (red plug to the right channel and white plug to the left channel).



USING AC POWER

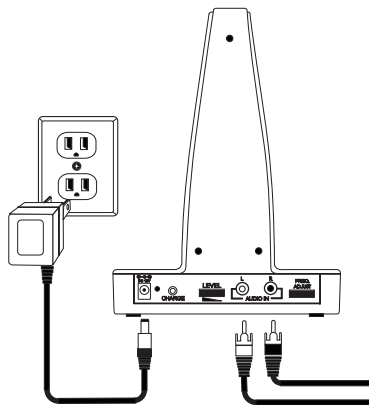
Use the supplied 12-volt, 100-mA AC adapter to connect the transmitter to AC power.

Cautions:

You must use a Class 2 power source that supplies 12 volts DC and delivers at least 100 mA. Its center tip must be set to positive and its plug must fit the transmitter's **DC 12V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the transmitter or the adapter.

- Always connect the AC adapter to the transmitter before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the transmitter.

Plug the supplied AC adapter's barrel plug into the transmitter's **DC 12V** jack, then plug the adapter into a standard AC outlet.

**INSTALLING BATTERIES**

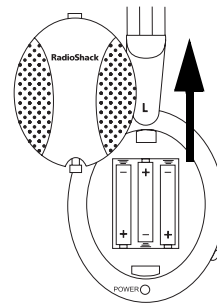
To power the headphones' receiver, use the three supplied AAA nickel-cadmium rechargeable batteries. Or, you can use three AAA alkaline batteries (not supplied, available at your local RadioShack store).

Cautions:

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

Follow these steps to install batteries.

1. Remove the battery compartment cover on the left earpiece by pushing up the tab and pulling the cover up in the direction of the arrow.



2. Place the batteries over the ribbon in the compartment, as indicated by the polarity symbols (+ and -) in the illustration.
3. Replace the cover.

When the headphones stop operating properly, replace or recharge the batteries.

Warnings:

- Do not dispose of the batteries in a fire because they can explode.
- Do not open or mutilate a battery. Swallowing a battery can be fatal.
- Be careful not to short the batteries with conducting materials, such as rings, bracelets, and keys. The batteries or the conductor might overheat and burn.
- Do not attempt to charge alkaline batteries.

Caution: When you replace the batteries, use replacement batteries of the required type (AAA), available through your local RadioShack store.

Important: This product can use nickel-cadmium rechargeable batteries. At the end of a nickel-cadmium battery's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area or call 1-800-843-7422. Some options that might be available are: municipal curbside collection, drop-off boxes at retailers such as your local RadioShack store, recycling collection centers, and mail-back programs.



Charging Rechargeable Batteries

Before using your headphones for the first time, you must charge the headphones' batteries for at least 24 hours. If the headphones' range decreases or you hear no sound from the audio source, recharge the batteries. It takes 12 to 14 hours to completely recharge the batteries.

Follow these steps to charge the batteries.

1. If necessary, press the headphones' **POWER ON/OFF** button to turn off the headphones.

Note: You cannot charge the batteries with the headphones turned on.

2. Plug the supplied charging cable into the headphones' **CHARGE** jack on the left earpiece.
3. Plug the other end of the charging cable into the transmitter base's **CHARGE** jack. The indicator beside the jack lights.
4. When charging is complete, unplug the charging cable. The indicator turns off.

OPERATION

LISTENING SAFELY

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

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

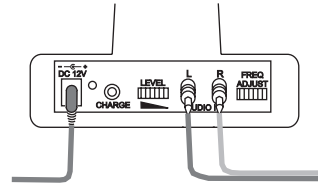
USING YOUR HEADPHONES

1. Turn on the audio source.

Note: If connecting headphones does not automatically disable the audio source's speakers, turn off the speakers.

2. *If you connected the transmitter to an audio source's headphone jack (or a jack that is controlled by the audio source's volume control), set **LEVEL** on the back of the transmitter about midway, then rotate the audio source's volume control until the indicator at the front of the transmitter flashes. If the indicator does not*

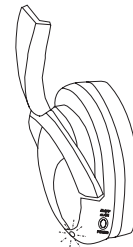
*flash, rotate **LEVEL** clockwise until the indicator flashes.*



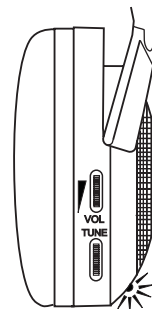
*If you connected the transmitter to an audio source's line output jack (or a jack that is not controlled by the audio source's volume control), rotate **VOL** on the headphones fully counterclockwise, then rotate **LEVEL** until the indicator flashes rapidly or remains lit.*

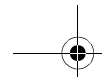
Note: Some audio sources might not make the indicator flash. For these sources, rotate **LEVEL** all the way to the left.

3. Press the headphones' **POWER ON/OFF** button to turn on the headphones. The **POWER** indicator on the left earpiece lights.



4. Rotate **TUNE** until the **STEREO** indicator on the right earpiece lights.
5. Put on the headphones and adjust **VOL** on the right earpiece to the desired listening level.



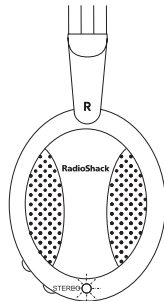


- 6. To turn off the headphones, take off the headphones, then press the **POWER ON/OFF** button.

To preserve battery life, be sure to turn off the headphones when you are not using them.

Notes:

- The **STEREO** indicator on the right earpiece lights when the headphones are receiving a clear signal. As you move out of the transmitter's range, the **STEREO** indicator turns off. You still can hear the audio source in mono until you move completely out of range.

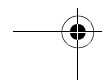
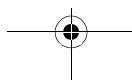
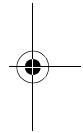
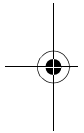
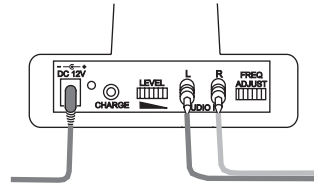


- If reception is poor even when the batteries are fully charged and you are near the transmitter, try moving the transmitter to a higher location or moving it away from the audio source.

ADJUSTING THE FREQUENCY

If you receive interference from other devices, you might be able to reduce the interference by adjusting your headphones' operating frequency.

Simply rotate **FREQ ADJUST** on the transmitter then rotate **TUNE** on the right earpiece until the **STEREO** indicator lights steadily.

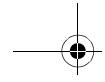


TROUBLESHOOTING

We do not expect you to have any problems with your headphones, but if you do, the following suggestions might help.

Problem	Solution
No sound	Be sure the headphones are turned on.
	Charge the headphones' batteries.
	Be sure the AC adapter is plugged in and has power.
	Be sure all cables are connected securely.
	Be sure the audio source is turned on and tuned to an active channel.
	If you have connected the transmitter to jacks that are controlled by the audio source's volume control, be sure the source's volume control is turned up.
	If the stereo indicator on the right earpiece is not on, adjust TUNE on the right earpiece until it turns on.
	Adjust the headphones' volume control.
Distorted audio	Change the position of the transmitter.
	If the STEREO indicator on the right earpiece does not light steadily, adjust TUNE on the earpiece until it turns on.
	Rotate FREQ ADJUST on the transmitter, then adjust TUNE on the right earpiece until the STEREO indicator on the earpiece lights steadily.
	If you connected the transmitter to an audio source's headphone jacks, reduce the audio source's volume.
	Charge the headphone's batteries.
	Adjust the LEVEL control on the transmitter so the level indicator flashes only occasionally.

If you still have problems, take the headphones to your local RadioShack store for assistance.



CARE AND MAINTENANCE

Your RadioShack Rechargeable 900 MHz Wireless Stereo Headphones are an example of superior design and craftsmanship. The following suggestions will help you care for your headphones so you can enjoy it for years.



Keep the headphones dry. If they get wet, wipe them dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the headphones only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the headphones away from dust and dirt, which can cause premature wear of parts.



Handle the headphones gently and carefully. Dropping them can damage circuit boards and cases and can cause the headphones to work improperly.

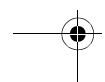
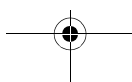


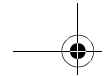
Use only fresh batteries of the required size and recommended type. Batteries can leak chemicals that damage your headphones' electronic parts.



Wipe the headphones with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the headphones.

Modifying or tampering with the headphones' internal components can cause a malfunction and might invalidate their warranty and void your FCC authorization to operate them. If your headphones are not performing as they should, take them to your local RadioShack store for assistance.





SPECIFICATIONS



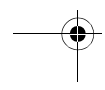
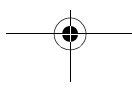
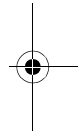
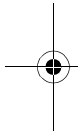
Transmitter

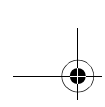
Carrier Frequency 912.25–914.75 MHz
 Power Source 12V DC, 100 Milliamps
 Modulation Method FM Modulation

Headphones

Frequency Response 50 Hz –12 kHz
 S/N Ratio >55 dB
 Stereo Separation 20 dB or Greater
 Audio Distortion <2%
 Operating Range 150 Feet (Open Field)

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 the limitations on how long an implied warranty lasts or the exclusion 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.

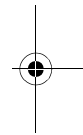
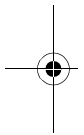
This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs 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

We Service What We Sell

04/99



RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102

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