

Telephone Headset Adapter with In-the-Ear Headset

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

Your RadioShack Telephone Headset Adapter with In-the-Ear Headset lets you use an inexpensive single-jack telephone headset with your dual-plug mobile or handheld communications transceiver. The supplied headset allows hands-free use of many handheld ham, business band, GMRS, citizens band, and FRS radios with an external microphone/earphone jack.

Your telephone headset adapter includes these features:

Voice Transmit Control (VOX) — automatically activates the transceiver to transmit when you begin speaking.

VOX Sensitivity Control — lets you adjust the headset adapter's VOX sensitivity for better reception in noisy environments.

Push-To-Talk Button — lets you manually switch between transmitting and receiving.

Low-Power Circuitry — operates for more than 160 hours on one AAA alkaline battery.

Reversible Condenser Microphone Boom — lets you adjust the microphone's position so another person can hear you more clearly.

Gold-plated Right-Angle Plug — ensures a good connection.

4-foot Cord with Lapel Clip — lets you securely clip the headset's cord to your clothing to help prevent slippage.

PREPARATION

Installing the Battery

Your headset adapter requires one AAA battery (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Caution: Use only a fresh battery of the required size and recommended type.

Follow these steps to install the battery.

1. Slide **PTT/VOX** on the right side of the adapter to **PTT**.

Note: **PTT/VOX** is also the headset adapter's power switch. When you are not using the headset adapter, make sure **PTT/VOX** is set to **PTT** to save battery power.

2. Slide the battery compartment cover in the direction of the arrow to remove it.
3. Place the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the cover.

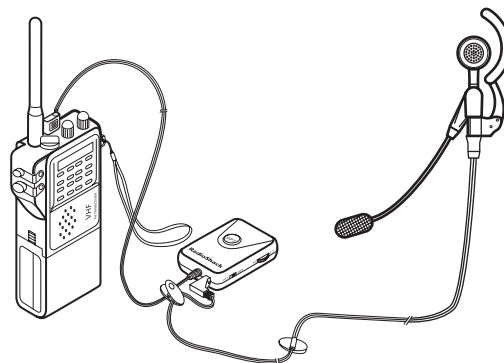
When **PTT/VOX** is set to **VOX** but the headset adapter does not transmit when you begin speaking, or the headset adapter stops operating properly, replace the battery.

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

Caution: If you do not plan to use the headset adapter for a month or more, remove the battery. Batteries can leak chemicals that can destroy electronic parts.

Connecting the Headset

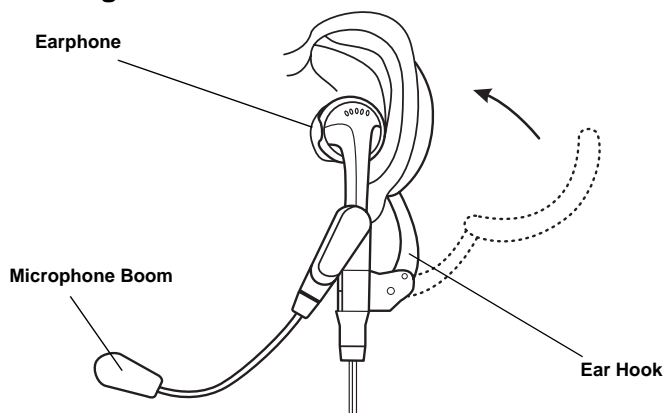
Note: To avoid accidental transmission, turn off your transceiver before connecting the headset to the headset adapter.



Insert the supplied headset's $\frac{3}{32}$ -inch (2.5 mm) plug into the headset jack on the adapter's base.

Insert the headset adapter's plug into the transceiver's microphone/earphone jack.

Wearing the Headset



1. Choose which ear you want to use with the headset. If necessary, rotate the microphone boom and the ear hook until they are on opposite sides of the earphone.
2. Pull down the ear hook and place the earphone in the desired ear, then push the ear hook back into place to secure the earphone.
3. Hold the headset in place and adjust the microphone boom until it is about even with your chin. Experiment until you find the most comfortable position.

4. Attach the cord's lapel clip to your clothing. To adjust the clip's location, carefully slide it up or down the cord. Leave enough slack in the cord so you can move your head without pulling the headset.

OPERATION

Important: Your headset adapter works with many RadioShack, ICOM, Standard, and Alinco transceivers. It does not work with Kenwood and most Motorola transceivers.

PTT (Push-To-Talk)

Follow these steps to manually switch between transmitting and receiving.

1. Set the transceiver's volume control to its lowest level.
2. Put on the headset and adjust the headset and its microphone boom to a comfortable position (see "Wearing the Headset" on Page 1).
3. Connect your headset adapter to your receiver (see "Connecting the Headset" on Page 1).
4. Set **PTT/VOX** to **PTT**.
5. Turn on your transceiver and adjust its volume control to a comfortable listening level.
6. Hold down **PTT** to transmit. Release it to receive.

VOX

You can set the headset so it automatically switches to transmit when you talk and to receive when you stop talking.

1. Set the transceiver's volume control to its lowest level.
2. Put on the headset and adjust the headset and its microphone boom to a comfortable position (see "Wearing the Headset" on Page 1).
3. Connect your headset adapter to your receiver (see "Connecting the Headset" on Page 1).
4. Set **PTT/VOX** to **VOX**.
5. Speak into the headset's microphone. The transceiver automatically switches to transmit. When you stop talking, the transceiver automatically switches to receive after about 1 second.
6. If you are operating the transceiver in a quiet area, set **SENSITIVITY** to **HI**. If background noise or wind is strong, set **SENSITIVITY** to **LO**.

Notes:

- If you set **SENSITIVITY** to **LO**, you might have to speak louder to activate the headset adapter.
- Although the headset adapter quickly switches a connected transceiver to transmit when you start talking, some transceivers require more time to begin transmitting after the transmit circuit is activated, so the first word you speak might not transmit.

Cautions:

- Never position the connection cord and the headset adapter near the transceiver's antenna. If the cord or the headset adapter is too close to the antenna, the transmitting range might be shortened or the headset adapter might not correctly switch between transmit and receive.
- Do not set the headset adapter to **VOX** or rotate **SENSITIVITY** to **HI** while operating in noisy environments. Doing so might cause unwanted or noisy transmissions.
- If you connect a high-sensitivity microphone to the headset adapter, adjust **SENSITIVITY** toward **LO** to avoid noisy transmissions.

Listening Safety

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

- Set the target device's 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.

Traffic Safety

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

Even though some headsets let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

CARE

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

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

SPECIFICATIONS

Headset Adapter:

Power Supply	1.5V (One AAA Battery)
Current Drain:	
VOX Operation	6 mA
PTT Operation	0 mA
Battery Life (On VOX Operation)	About 160 hours (No drain if PTT is not pressed)
Plug Size	³ / ₃₂ -inch (2.5 mm)
VOX Activation Time	Less than 5 milliseconds
VOX Recovery Time	About 1 second (Some transceivers have additional delay)
VOX Sensitivity:	
LO	103 mV
HI	83 mV

Headset:

Cord Length	4 feet
Plug	³ / ₃₂ -inch (2.5 mm) Angle Type
Microphone Impedance	Low
Earphone Impedance	32 Ohms

Specifications are typical; individual units might vary. Specifications and designs 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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