

Headset Adapter for 2-Way Communication Equipment

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

FEATURES

Your RadioShack Headset Adapter for 2-Way Communication Equipment lets you use an inexpensive single-jack telephone headset with your dual-plug mobile or hand-held communications transceiver. You can connect a headset to the adapter, allowing handsfree use of many handheld ham, business band, GMRS, citizens band, and FRS radios with an external microphone/earphone jack.

Your adapter includes these features:

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

Handsfree or Push-to-Talk Operation — lets you use either VOX or manual operation with your transceiver.

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

Compact, Lightweight Design with Clip — you can wear the adapter on your lapel, pocket, or belt for convenient operation.

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.

Important:

- Your adapter works with many RadioShack, ICOM, Standard, and Alinco transceivers. It does not work with Kenwood and most Motorola transceivers.
- Since headsets differ in sensitivity, your adapter might work better with some headsets than with others.

PREPARATION

Installing the Battery

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

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 adapter's power switch. When you are not using the 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 adapter does not switch to transmit when you begin speaking, or the 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 adapter for a month or more, remove the battery. Batteries can leak chemicals that can destroy electronic parts.

Connection

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

1. Insert an optional headset's $\frac{3}{32}$ -inch (2.5 mm) plug into the headset jack on the bottom of the adapter.
2. Insert the adapter's plug into the transceiver's microphone/earphone jack.

OPERATION

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.
3. Set **PTT/VOX** to **PTT**.
4. Turn on your transceiver and adjust its volume control to a comfortable listening level.
5. Hold down **PTT** to transmit and release it to receive.

VOX

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

1. Repeat Steps 1–4 under "PTT (Push-To-Talk)."
2. Set **PTT/VOX** to **VOX**.

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3. 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.
4. If you are operating the transceiver in a quiet area, set **SENSITIVITY** to **HI**. When background noise or wind is strong, set **SENSITIVITY** to **LO**.

Notes:

- If you set **SENSITIVITY** to **LO**, you might have to speak in a louder-than-normal voice.
- Although the 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, causing the first word you speak not to transmit. If this happens, preface your transmission with "Umm" or extend the word to ensure your entire message is received.

Cautions:

- Never position the connection cord and the adapter near the transceiver's antenna. If the cord or the adapter is too close to the antenna, the transmitting range might be shortened or the adapter might not correctly switch between transmit and receive.
- Do not set the 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 adapter, adjust **SENSITIVITY** toward **LO** to avoid noisy transmissions.

CARE

To enjoy your RadioShack Headset Adapter for 2-Way Communication Equipment for a long time:

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

Power Supply	1.5V (One AAA battery)
Current Drain:	
VOX Operation	6 mA
PTT Operation (PTT Pressed)	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 (Note: Some transceivers have additional delay)
VOX Sensitivity:	
LO	103 mV
HI	83 mV

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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