

# 8-Channel 900 MHz Wireless Audio-Link Transmitter

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

Your RadioShack 8-Channel 900 MHz Wireless Audio-link Transmitter is designed for use with a public address microphone or for professional music performances, and is perfect for use with the RadioShack 8-Channel 900 MHz Wireless Receiver (Cat. No. 32-1250).

## FCC STATEMENT

Your transmitter might cause TV or radio interference even when it is operating properly. To determine whether your transmitter is causing the interference, turn off your transmitter. If the interference goes away, your transmitter is causing it. Try to eliminate the interference by:

- moving your transmitter away from the receiver
- contacting your local RadioShack store for help

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

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.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Shielded cables must be used with the unit to ensure compliance with the Class B FCC limits.

## INSTALLING THE BATTERY

Your transmitter requires one 9V battery (not supplied) for power. For the best performance and longest life, we recommend using a RadioShack alkaline battery.

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

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

When power is on, **POWER/LOW BATT** lights. When **POWER/LOW BATT** flashes or the transmitter 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 transmitter for a week or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

## USING THE BELT CLIP

For hand-free carrying, attach the supplied belt clip. Align the dovetail tracks in the grooves on the back of the transmitter, then slide

the clip down until it clicks to secure it. To attach the transmitter, slide the clip over your belt. To remove the belt clip from the transmitter, lift the center tab on the clip and slide the clip up.

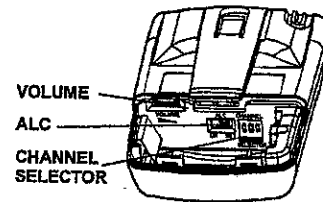
## SETTING THE CHANNEL

**Note:** Both the transmitter and any receiver you use:

- should be powered off before setting or changing the channel
- should be set to the same channel

1. Remove the battery compartment cover.

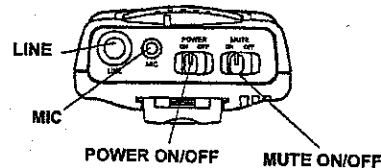
2. Use a pointed object (such as a straightened paper clip) to set **CHANNEL SELECTOR** (dip switches) according to the chart below for the desired channel.



CH	Setting	CH	Setting
A	■ □ □	E	■ ■ □
B	■ □ □	F	■ □ □
C	■ □ □	G	■ □ □
D	■ □ □	H	■ □ □

3. Replace the cover.

## CONNECTING AN AUDIO SOURCE



**Note:** If your audio source's cable does not have the appropriate connector to attach to the transmitter, use an adapter, available at your local RadioShack store.

You can connect a **LINE** level source (such as an electronic keyboard, musical instrument microphone, or electric guitar) or a **MIC** level source (such as a headset microphone) to the transmitter.

### To a LINE Level Source

To connect a line-level source to the transmitter, use a cable with a 1/4-inch (6.35-mm) phono plug.

1. Plug one end of the cable into the transmitter's **LINE** jack.
2. Plug the other end into the audio source's output jack.

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- Follow the instructions in the owner's manuals for your other audio equipment to make all other connections.

### To a MIC Level Source

To connect a MIC level source to the transmitter, use a cable that ends in a 1/8-inch (3.5-mm) phono plug.

- Plug one end of the cable into the transmitter's MIC jack.
- Plug the other end into the audio source's output jack.
- Follow the instructions in the owner's manuals for your other audio equipment to make all other connections.

## SETTING THE TRANSMITTER'S INPUT SENSITIVITY LEVEL

Your transmitter is designed to operate with musical instruments, microphones, and other audio devices. To get the best performance from the system, set the transmitter input sensitivity to match the source.

The factory setting should be suitable for most uses. If you experience very low volume or distorted sound, follow these steps to adjust the sensitivity.

- Remove the battery compartment cover.
- Rotate **VOLUME** to adjust sensitivity.
  - To set the receiver's volume control to a higher setting in order to hear the audio source better, turn **VOLUME** to the left about 1/8-1/4 turn, then test the system again.
  - To set the receiver's volume control to a lower setting in order to hear more clear audio, turn **VOLUME** to the right about 1/8-1/4 turn, then test the system again.
- Replace the cover.

## OPERATION

### Using ALC

You can control the audio input sensitivity without distortion. Slide **ALC ON/OFF** to **ON**. The built-in ALC circuitry limits the input signal from overloading the transmitter.

### Using Mute

To temporarily turn off the audio signal without turning off the transmitter or microphone, slide **MUTE ON/OFF** on the transmitter to **ON**.

If you slide **POWER ON/OFF** from **ON** to **OFF** while the amplifier is on, you hear a loud pop. There is no pop when you move the mute switch from **ON** to **OFF** or from **OFF** to **ON**.

### Using the Transmitter

**Note:** Before you can use your transmitter, you must connect it to an audio source.

- Set the transmitter's channel to the same channel the receiver is using (see "Setting the Channel" on Page 1).
- Set the receiver's volume control to its minimum setting and turn on the receiver.
- Turn on your amplifier, tape recorder, mixing board, and other necessary audio system components. Set their volume controls (or input level controls) to moderate settings.

- Slide **POWER ON/OFF** to **ON**. **LOW BATT** lights.
- Set **MUTE** to **OFF**.
- Turn on the audio source and adjust the receiver's volume control to the desired level.

**Note:** Experiment with the receiver's volume setting and the settings of other components in your audio system for the best results. If you are using a source that has a variable output control (such as a musical instrument), be sure that you have adjusted the volume with the instrument at the highest level you intend to use.

- When you are finished, turn off all your audio equipment and the transmitter.

## CARE

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

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

## SPECIFICATIONS

<b>Sensitivity</b>	
MIC Input .....	14 mV
LINE Input .....	250 mV
RF Output Power at 50Ω .....	3 dBm
Power Requirements (DC) .....	One 9V Battery
<b>Operating Frequencies:</b>	
<b>Channel</b>	<b>Frequency</b>
A .....	910.0 MHz
B .....	910.5 MHz
C .....	911.5 MHz
D .....	913.5 MHz
E .....	918.0 MHz
F .....	918.5 MHz
G .....	919.5 MHz
H .....	921.5 MHz
Dimensions .....	2 <sup>5</sup> / <sub>8</sub> × 3 <sup>2</sup> / <sub>3</sub> × 1 <sup>7</sup> / <sub>16</sub> in (67 × 93 × 36 mm)
Weight (without battery) .....	2.5 oz (72g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year 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 WARRANTY 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 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, accidents, 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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