



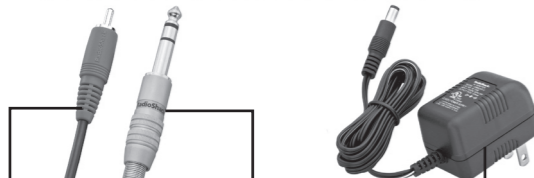
32-1258

## 170MHz Single Channel Wireless Microphone System

Thank you for purchasing your 170MHz Single Channel Wireless Microphone System from **RadioShack**. Your system transmits microphone signals up to 200 feet away from the receiver allowing you to move freely.

### Step 1

Set the volume to a minimum level and plug in the AC adapter. Then, using a shielded audio cable (not included), connect the **LINE** jack on your receiver to the input jack on your amplifier, or other device. Optionally, or if the input jack is in use, you can connect using the **MICROPHONE** jacks on your receiver and amplifier with a 1/4" audio cable (not included).



Connect your receiver to the input jack on your amplifier using the **LINE** jack.

(Optional) Connect your receiver to your amplifier with the **MICROPHONE** jack.

Plug the AC adapter into an outlet.

**NOTE** You can connect both output jacks to an amplifier and a recording device.

### what's included

- microphone
- 9V AC adapter
- receiver
- user's guide

Please read this user's guide before installing, setting up and using your new product.  
[www.radioshack.com](http://www.radioshack.com)

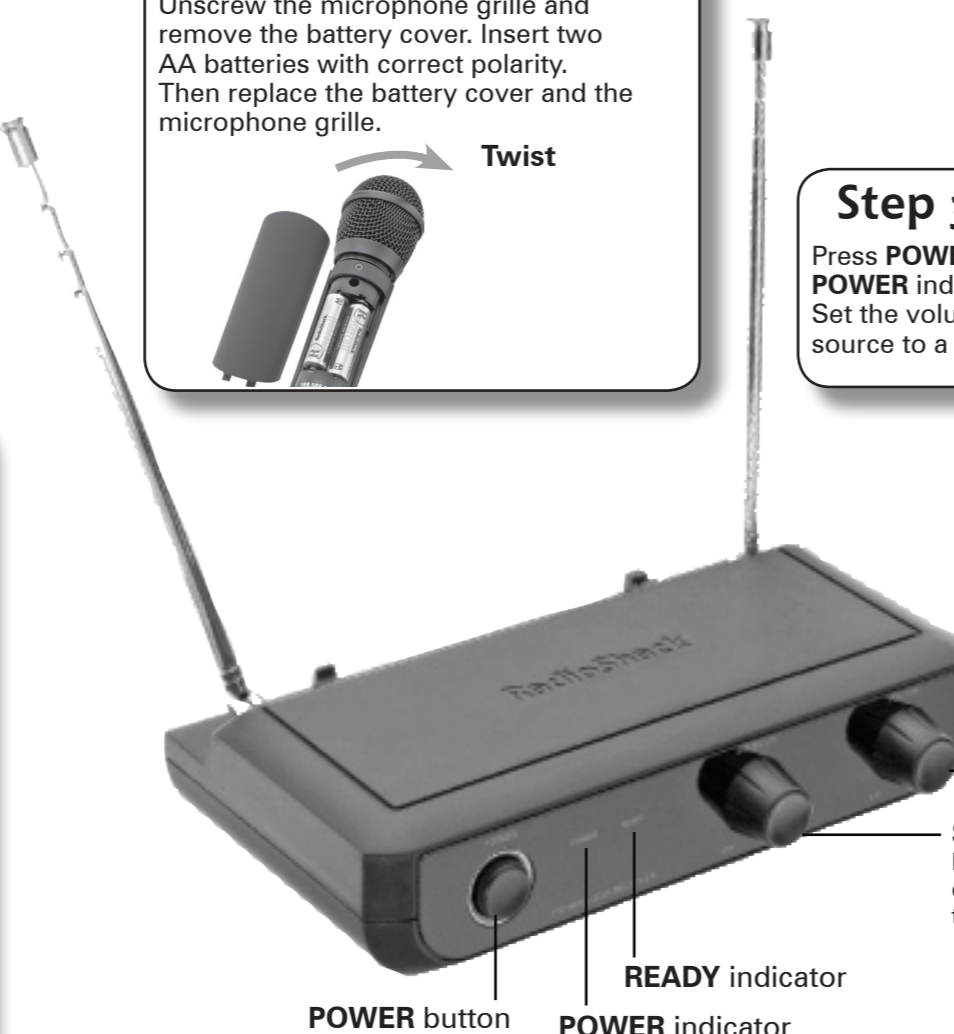
### Step 2

Unscrew the microphone grille and remove the battery cover. Insert two AA batteries with correct polarity. Then replace the battery cover and the microphone grille.



### Step 3

Press **POWER** on the receiver to turn it on. The **POWER** indicator lights up. Fully extend the antennae. Set the volume on your PA amplifier or other audio source to a minimum level. Then turn power on.



**VOLUME**  
Rotate to adjust your microphone's volume.

**SQUELCH**  
Rotate to limit the background noise and control the transmitting distance. To increase the transmitting distance, rotate it to **MIN**.

**READY** indicator

**POWER** button **POWER** indicator



**POWER** indicator  
Replace the batteries when light is off.

**TALK-MUTE-OFF**

### Step 4

Set **TALK-MUTE-OFF** switch to **TALK**. Then turn the audio source and receiver volume up to the desired level. The **READY** indicator light displays indicating that the microphone signals are within range of the receiver.

- To avoid the popping noise that may occur when switching from **OFF** to **TALK**, use **MUTE**.
- When you finish using the system, turn **TALK-MUTE-OFF** to **OFF**.
- To use wireless microphones simultaneously, verify they operate at different frequencies. See your microphone or receiver for its frequency.

### battery notes

- Dispose of old batteries promptly and properly.
- Do not burn or bury batteries.
- Use only fresh batteries of the required size and recommended type.
- Do not mix batteries of different sizes or types.
- If you do not plan to use your microphone system for a month or more, remove the batteries. Batteries can leak chemicals that can damage electronic parts.

### specifications

Frequency ..... 169.505MHz, 170.245MHz or 171.905MHz  
Operating Range..... 200 feet (Typical)  
Frequency Response ..... 120---13000Hz  
**microphone**  
RF Power ..... 10dBm  
Sensitivity..... 106 dB SPL at 7KHz FM  
Power Source ..... Two AA Batteries

**receiver**  
Sensitivity with S/N 20dB..... 1uV  
S/N Ratio at 1mV RF Input..... 75dB  
Image Rejection ..... 55dB  
Line Output ..... 510mV  
Microphone Output ..... 10mV  
Power Requirement..... AC Adapter

Specifications are typical; individual units may vary.  
Specifications are subject to change and improvement without notice. Product may vary from depiction.

### rf emission information

**Warning:** Modifying, tampering with, or adjusting this unit, or replacing any transmitter component (crystal, semiconductor, etc.) may result in a violation of the FCC rules. 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 microphone system. Changes or modifications not expressly approved by **RadioShack** may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device may not cause harmful interference.

This wireless microphone system complies with Part 90 of the FCC Rules. There are three frequencies available for the system. You must obtain a license for each frequency you plan to use before operating your system. One license can include both frequencies. Visit <http://wireless.fcc.gov/uls/>, or call your local FCC office to apply for your license. Your ability to obtain a license will depend on how you plan to use the system.

For RF exposure  
**IMPORTANT NOTE:** To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the system exceeding the RF exposure requirements."

For devices less than 200mW ERP

**SAFETY INFORMATION**  
Your wireless microphone contains a low power transmitter. When the EUT is powered on, it sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for wireless devices.

**IMPORTANT**  
To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimetres) from your face and speak in a normal voice, with the antenna pointed up and away from the face. Ensure that the antenna is at least 1 inch (2.5 centimetres) from your body when you are using your wireless microphone.

Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

### 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. For complete warranty details and exclusions, check with your local **RadioShack** store.

**RadioShack** Customer Relations  
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