AR's Outdoor Lantern and Wireless Speaker System puts a new twist on your outdoor lighting: sound! The AW851 eliminates the hardest part of adding speakers to your home—running and hiding hundreds of feet of speaker wire. The AR Wireless Speaker System's RF signal travels with ease through walls, floors, ceilings and other obstacles, delivering high-quality sound and stylish décor. With drift- and static-free reception along with outstanding range—up to 150 feet*—the possibilities for enjoying your AR Wireless Speaker System are nearly unlimited. The AR Wireless Speaker System is compatible with most audio sources, such as TVs, DVD players, VCRs, A/V receivers, amplifiers, stereos, computers, and portable devices (CD players, cassette players, MP3s etc.).

This manual covers various connection options and detailed operating instructions for making the AR Wireless Speaker System a valued part of your lifestyle. If, after having reviewed the instructions, you have any questions, please call toll-free 1-800-732-6866 or visit www.araccessories.com.

*Range may vary according to environment.

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**Important Safety Instructions**

1. Read all instructions. Keep all instructions for future reference.
2. Heed all warnings.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. Follow all instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Do not use fixtures on dimming circuits.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Unplug this apparatus during lightning storms or when not in use. A power line circuit breaker or fuse disconnects the apparatus from the power supply.
10. Do not overload wall outlets. Only one plug adapter is to be used in the outlet at a time.
11. Only use attachments/accessories specified by the manufacturer.
12. The lightning flash with arrowhead symbol, with exclamation point within an equilateral triangle is intended to alert the user to the presence of uninsulated hazardous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

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**Setting Up**

Before you start installing the Outdoor Lantern and Wireless Speaker, make sure you have the following parts in your package:

- Lantern/Wireless Speaker
- Transmitter (back panel)
- RCA Cable
- 3.5mm to RCA adapter

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**Mounting the Lantern/Wireless Speaker**

Before you can use the Outdoor Lantern and Wireless Speaker, you must mount it to an outdoor box.

**WARNING:** Consult a qualified electrician in case the main supply wiring needs to be reviewed the instructions, you have any questions, please call toll-free 1-800-732-6866 or visit www.araccessories.com.

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**Connecting to an A/V Receiver**

You can also connect the transmitter to an A/V Receiver using the mini-jack to RCA adapter included.

1. Plug the stereo plugs on the provided Y-adapter audio cable into the AUDIO IN jacks on the back of the transmitter (make sure to match the colors on the plugs and jacks).
2. Plug the mini-plug end of the provided Y-adapter into the wireless output of your MP3 player or CD player (or audio output jack on your computer).
3. Connect the small, round plug from the transmitter AC power adapter to the transmitter's DC IN jack. Plug the other end of the transmitter AC power adapter into any standard 120V AC wall outlet.

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**Installing/Changing the Lantern Light Bulb**

The Outdoor Lantern and Wireless Speaker takes a candelabra-base bulb (40W max; bulb not included). The bottom of this Outdoor Lantern and Wireless Speaker is open for easy access to the socket. For best results, use a clear (non-frosted) 40W bulb. To install or change the lantern's bulb:

1. Find the light socket located on the bottom of the lantern.
2. Insert the bulb and screw it into the socket.

**Important:** Handle and dispose of fluorescent bulbs per manufacturer’s directions.

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**Tour of the Speaker System**

**Lantern/Speaker**

- Speaker On/Off button turns the speaker on and off
- Auto Scan button rescan for the transmitter’s signal
- Volume Up and Down buttons adjust the volume level
- L/Mono/R switch determines if the speaker plays sound in mono as a stand-alone speaker, or plays the left or right track in a stereo pair with an additional AW851
- Light On/Off switch turns the lantern on and off
- Front Panel

**Right Side, Back**

**Right Panel Speaker Controls**

- Power/Linked indicator (not shown) blinks when the speaker is first powered on; it turns solid blue when the speaker is tuned to the transmitter.

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**Recommended Installation Location**

Install your outdoor lantern and Wireless Speaker Kit, so that:
1. The base is at least 1 meter (3ft 3in) from your house or area.
2. The bottom of the lantern is at least 1.8 meters (5ft 6in) off the ground.
3. The outdoor lantern and wireless speaker kit is mounted to a wall made of wood or concrete.
## Paired Speaker System

### Adjusting the Transmitter

1. Turn on your audio source (for example, A/V receiver, MP3 player, stereo, etc.) and play music at a normal listening volume.

### Tuning the Speaker

1. Press Speaker On/Off button on the bottom of the speaker to turn the speaker off.

Note:

- If the SIGNAL indicator on the transmitter does not turn on, please check the following:
  - Confirm the transmitter AC power adapter is securely connected.
  - Confirm the transmitter is securely connected to the audio source.
  - Confirm the audio source is playing audio and is turned up.

### Tuning the Lamp On and Off

To turn the lamp on:

- Put the Light On/Off switch on the bottom of the speaker to turn the speaker on.

To turn the lamp off:

- Put the Light On/Off switch on the bottom of the speaker to turn the speaker off.

### Turning the Speaker Off

1. Press Speaker On/Off button on the bottom of the speaker to turn the speaker off.

2. Confirm that the speaker is off by verifying that the indicator light on the speaker’s front panel is no longer illuminated.

### Pairing the Speaker System

#### Adjusting the Transmitter

1. Turn on your audio source (for example, A/V receiver, MP3 player, stereo, etc.) and play music at a normal listening volume.

#### Tuning the Speaker

1. Press Speaker On/Off button on the bottom of the speaker to turn the speaker off.

2. Confirm that the speaker is off by verifying that the indicator light on the speaker’s front panel is no longer illuminated.

### More Helpful Information

#### About Fixed-Level Audio Outputs

A fixed-level, or line-level, audio output is considered ideal since it provides an audio signal unchanged by adjustments to the audio source volume controller.

**Hint:** Fixed-level audio outputs from stereo receivers/lamps will typically be designated as Tape (or Record) outputs or DVP/DVD-R audio output connections.

Fixed-level outputs from TVs are usually marked as Constant, Fixed, or Select. If they are not marked as such, they are probably variable outputs (see “About Variable-Level Audio Outputs” below). Outputs from DVD players are almost always fixed.

**Hint:** When connecting to the audio outputs of a DVD player, remember that the DVD player must be showing a TV channel for sound to be produced.

#### About Variable-Level Audio Outputs

A variable-level output, such as a headphone jack or certain RCA-type outputs, provides an audio signal that changes with the volume level set on the audio source. As the volume level of the audio source is adjusted up and down, so is the audio signal strength sent to the transmitter. This can affect the quality of sound generated by the speaker, and may require an adjustment of the volume level of the audio source to produce a signal strong enough for the transmitter.

**Hint:** On most bookshelf-type or compact stereo systems, inserting a headphone plug into the headphone jack results in automatic cutoff of the regular, or hard-wired speakers.

**Hint:** Most TVs, regardless of age or price, have variable outputs. If you are unsure which of your TV audio outputs is fixed, refer to the TV instruction manual. Some TV’s have outputs that can switch between variable and fixed. When given a choice, fixed is always recommended.

### Troubleshooting

The following troubleshooting guide takes you through some of the more common problems associated with the installation and/or operation of a wireless system. If the problem persists, please call toll-free at 1-800-732-6866 or visit www.araccessories.com.

#### Issue

1. **No sound**
   - Check that the transmitter AC power adapter is fully inserted into the wall outlet and the power cord from the AC adapter is firmly connected to the transmitter power input jack.
   - Confirm that the speaker is turned on and tuned to the transmitter.
   - Check that the speaker volume is turned up.
   - Make sure the audio source is turned on.

2. **No sound/distortion/static**
   - Check that the speaker’s indicator light is solid blue (not blinking).
   - Check the position of the channel select switch (1, 2, or 3) to change the operating frequency. If the speaker is on a switched outlet, make sure the outlet is on.
   - Change the location of the transmitter. Place it as high and away from obstructions as possible. Avoid placing the transmitter directly on top of or behind a TV.
   - Move the transmitter closer to the speaker. Sending the signal through certain materials, such as glass, tile, and metal, can decrease the effective transmitting distance of the system.

3. **Bulb doesn’t light**
   - If the lamp/speaker is on a switched outlet, make sure the outlet is on.
   - Make sure the light on/off switch on the bottom of the lamp/speaker is switched to the “L” position.
   - Make sure the bulb hasn’t burned out. Try a new bulb in the lamp/speaker.
   - If the above solutions don’t work, turn off power to the outlet at the circuit box and switch the bulb/speaker to the “N” position.

4. **Circuit breaker trips when you turn on the lamp**
   - The lamp/speaker is probably wired incorrectly. Turn off power to the outlet at the circuit box and switch the bulb/speaker to the “N” position.