**Important Information**

**RISK OF ELECTRIC SHOCK. DO NOT OPEN.**

**Caution:** To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

**Important Safety Instructions**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) (candelabra-based bulb).
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 unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**Product Information**

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need service and for proof of purchase. Attach it here and record the serial and model numbers in case you need service and for proof of purchase.

**Model No.:**

**Date of Purchase:**

**Dealer/Address/Phone:**

**WARNING: RISK OF INJURY**

- Some metal parts in the fixture may have sharp edges. To prevent cuts and scrapes, wear gloves when handling the parts.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Use flashlight or alternate light source to light work area during installation.
- Assistance may be required to support fixture during installation.
- This apparatus must be installed in accordance with all applicable installation rules.
- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.

**CAUTION: WIRING AND FIXTURE OPERATION**

- Connect fixtures to supply wires rated for at least 90°C (320°F).
- Do not use fixture on dimming circuits.
- Only use attachments/accessories specified by the manufacturer.

**WARNING**

To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions. Only use attachments/accessories specified by the manufacturer.

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**Introduction**

AR’s Outdoor Lantern and Wireless Speaker System puts a new twist on your outdoor lighting sound! The AW850 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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**Setting Up**

**Unpacking**

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

- (1) Lantern/Wireless Speaker
- (1) Transmitter
- (1) Transmitter Power Adapter
- (1) Transmitter Power Adapter
- (1) Speaker Power Adapter
- (1) Speaker Power Adapter
- (1) RCA adapter
- (2) Wire Connectors
- (2) Mounting Screws
- (2) Caps
- (3) RCA Cable
- (1) Transmitter
- (1) RCA adapter
- (1) mini jack to RCA adapter
- (1) Lantern/Speaker
- (2) Screws

**Mounting the Lantern/Wireless Speaker**

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

**WARNING:** Consult a qualified electrician in case the main supply wiring needs to be checked or if you’re not certain how to install wiring. Always install wiring connections in accordance with local code, ordinances, and the National Electrical Code.

1. Make sure power is off for the outlet box at the main circuit breaker.
2. Remove the old fixture from the outlet box. Carefully disconnect its wiring.
3. Mount the crossbar to the outlet box using the mounting screws included in this package.
4. Unscrew the center screw on the crossbar and align the two side screws so that they are level with each other. Then tighten the center screw.
5. Find the copper ground wire coming from the wireless speaker. Twill it together with the ground wire coming from the outlet box.
6. Strip 3/4" of insulation from the wire ends coming from the speaker. Use pliers to twist the speaker’s stripped ends together with the wires coming from the outlet box—make sure you match black wire to black and white wire to white. Then snip the ends.
7. Connect the speaker connectors to the joined ends. If you’d like, you can tie the connectors and ends together with electrical tape.
8. Place the wireless speaker onto the two side screws on the crossbar. Secure the speaker onto the wall with the two caps included in this package.
9. Use silicon caulk to seal the top and sides between the speaker and the wall. Leave the bottom open so that moisture can drain.

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**Connecting the Transmitter to an Audio Source**

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 headphone 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.

**Warning:** This product is designed to work with line level outputs or headphone outputs only. DO NOT connect it directly to speaker outputs as it will permanently damage the transmitter.

**Note:** This power unit is intended to be correctly oriented in a vertical or floor mount position.

**Note:** There is no transmitter ON/OFF switch. The transmitter is designed to be left plugged in and powered at all times. If you will not be using the AW850 for an extended period of time, unplug the transmitter AC power adapter.

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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). For best results, use a clear (non-frosted) 40W bulb to install or change the lantern’s bulb:

1. Use a small flat tool (like a flat-head screwdriver) to open the top of the lantern’s front door.
2. Insert the bulb and screw it into the base.
3. Gently close the door until it snaps back into place.

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

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**Tour of the Speaker System**

**Lantern/Speaker**

- **Ground Wire**
- **Wire Connectors**
- **Mounting Crossbar**
- **Transmitter**
- **Transmitter Power Adapter**
- **RCA cable**

**Bottom Panel**

- **L/M/R switch**
- **Power/Linked indicator**
- **Volume +/- buttons**

**Front Panel**

- **Power/Light On/Off switch**
Pairing the Transmitter

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.
2. Set the channel select switch on the back of the transmitter to one of the transmitter’s three broadcast frequencies: 1, 2, or 3. If you experience poor reception or interference, try choosing a different frequency by moving the channel select switch to another position.

The transmitter turns off automatically if there is no audio signal present for a prolonged period.

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 channel select switch on the back of the transmitter is securely connected to the audio source output (MP3 player, A/V receiver, etc.).
- Confirm the audio source is playing audio and is turned up.

Tuning the Speaker
1. Press the Music On/Off button on the bottom of the speaker to turn it on. The indicator light on the front of the speaker blinks while the speaker is tuning to the transmitter.
2. Set the channel select switch on the back of the transmitter to one of the transmitter’s three broadcast frequencies: 1, 2, or 3. If you experience poor reception or interference, try choosing a different frequency by moving the channel select switch to another position.

When the transmitter is receiving an audio signal and is ready, the SIGNAL indicator turns solid green.

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 channel select switch on the back of the transmitter is securely connected to the audio source output (MP3 player, A/V receiver, etc.).
- Confirm the audio source is playing audio and is turned up.

Turning the Lamp On and Off
To turn the lamp on: Put the Light On/Off switch on the bottom of the speaker in the on position. If the lamp is on a switched outlet, make sure the outlet is on.
To turn the lamp off: Put the Light On/Off switch on the bottom of the speaker in the off position.

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 unaltered by adjustments to the audio source volume control.

Hint: Fixed-level audio outputs from stereo receivers/lamps will typically be designated as Tape (or Record) outputs or DVD/DV-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”).

As the volume 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.

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 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.

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.

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 tuned to the transmitter—you should hear sound coming from the speaker now.

No sound/ distortion/ static:
- Check that the speaker indicator light is solid blue (not blinking).
- Change the position of the channel select switch (1, 2 or 3) to change the operating frequency. Then press the Auto Scan button on the bottom of the speaker to make the speaker refine.
- Change the location of the receiver. 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 cables or metal, can decrease the effectiveness of the system.

Bulb doesn’t light:
- If the lantern/speaker is on a switched outlet, make sure the outlet is on.
- Make sure the light on/off switch on the bottom of the lantern/speaker is switched on.
- Make sure the bulb hasn’t burned out. Try a new bulb in the lantern/speaker.
- If the above solutions don’t work, turn off power to the outlet at the circuit box and make sure the lantern/speaker is wired correctly.

Circuit breaker trips when you turn on the lantern:
- The lantern/speaker is probably wired incorrectly. Turn off power to the outlet at the circuit box and reverse the lantern/speaker, making sure to match the black to black wire, white to white, and ground to ground.

Turning the Speaker Off
1. Press Music 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.

Specifications

Transmitter
- Omni directional 900MHz broadcast
- Effective transmitting range: up to 150 ft. (45m)*
- Power lock loop circuitry (PLL)
- Automatic level control (ALC)
- 3 select broadcast frequencies
- Stereo audio input

*Maximum range; results may vary according to environment.

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The user is cautioned that any changes or modifications to this equipment may void the user’s authority to operate it.

Industry Canada Regulatory Information
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. The user is cautioned that this device be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure.

This Class B digital apparatus complies with Canadian ICES-003.

Audiovox Electronics Corporation (the "Company") warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced (at the Company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this Warranty, the product along with any accessories included in the original packaging is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transmission prepaid, to the Company at the address shown below. Do not return this product to the Retailer.

This Warranty is not transferable and does not cover product purchased, serviced or used outside the United States or Canada. The warranty does not extend to the elimination of externally generated static or noise, to costs incurred for the installation, removal or reinstallation of the product. The warranty does not apply to any product or part thereof which, in the opinion of the company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident or exposure to moisture. This warranty does not apply to damage caused by an AC adapter not provided with the product, or by leaving non-rechargeable batteries in the product while plugged into an AC outlet.

The EXTENT OF THE COMPANY’S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY’S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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Some states/provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state/province to state/province.

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