Introducing the Wireless Indoor/Outdoor Speaker System

AR’s Wireless Speaker System 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 signals travel easily throughout walls, floors, ceilings and other obstacles, delivering high-quality sound virtually anywhere inside the house or out. 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/amps, 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.

Tour of the Speaker System

Speaker

Front Panel
- 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.
- Rear Panel
  - Bass Boost button turns the speaker’s bass enhancement on and off.
  - Power button turns the speaker on and off.
- Auto Scan button rescans for the transmitter’s signal.
- Volume +/- buttons adjust the volume level.
- Bottom Panel
  - L/M/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 AR825.
  - DC IN receives the small round end of one of the included 9V 1200mA AC power adapters; remove the protective cover to insert the adapter.
  - Battery Compartment Cover (not shown) remove to install 6 AA batteries.

Transmitter

Top panel
- SIGNAL indicator lights green when the audio is present and the transmitter is broadcasting.
- POWER indicator lights when the transmitter is on.
- CHANNEL 1 2 3 lets you find the best transmission frequency for your environment.
- DC IN jack receives the small round end of the included 12V 200mA AC power adapter.
- AUDIO IN (R/L) connects to your sound source using one of the connection options shown here.

Rear panel
- Y-adapter audio cable
- Audio Input
- SIGNAL (in red, green, or amber)
- POWER (blinks when turned on)
- CHANNELS (1 2 3)
- DC IN (12V 200mA)
- AUDIO IN (R/L)
- AUTO SCAN (auto scans for the transmitter signal)
- BASS BOOST (on/off)
- VOLUME +/-

Included Accessories

- 3.5mm to RCA cable
- Speaker AC/DC 9V 1200mA adapter
- Transmitter AC/DC 12V 200mA adapter

Connecting to the Speaker System

Powering the Transmitter

1. 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.

Note: Be sure to use the AC power adapter rated 12V DC 200mA (it has the smaller diameter plug).

Connecting to an Audio Source

1. Connect 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 stereo amplifier.

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 AW825 for an extended period of time, unplug the transmitter AC power adapter.

Connecting to an A/V Receiver

1. Connect 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 a mini-jack to RCA adapter (not included).
3. Connect the stereo plugs on the mini-jack to RCA adapter to the corresponding left and right audio outputs of your A/V receiver, amp, or other audio source.

Powering the Speaker System

There are two options to power your wireless speaker: using the included AC power adapter or using 6 AA batteries (not included).

AC Power Adapters

1. Insert the small, round plug from the speaker AC power adapter into the DC IN jack on the bottom of the speaker.
2. Plug the other end of the speaker AC power adapter into any standard 120V AC wall outlet.

Note: Be sure to use the speaker AC power adapter rated 9V DC 1200mA.

Warning: This product is water-resistant, not waterproof. Avoid prolonged exposure to wet environments, such as rain, mist, dew, etc. In other words, you can take it out, just don’t leave it out. To avoid electrical shock, use this product with caution near water sources if powered with the AC adapter. Never submerge in water.

AA Batteries

1. Remove the battery compartment cover on the bottom of the speaker.
2. Insert six (6) AA batteries (not included) into the speaker following the polarity (“+” and “-”) as diagrammed inside the battery compartment.
3. Replace the battery compartment cover on the bottom of the speaker.

Note: Place the rubber cap in the speaker power input jack when using batteries.

DO NOT mix batteries with different chemistry types (for example, a zinc battery with an alkaline battery). DO NOT mix new and used batteries. DO NOT leave batteries installed in the product when not in use for long periods. Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with local and national regulations.

Important Information

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

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) 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 unused for long periods of time.

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

Introduction

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  - Bass Boost button turns the speaker’s bass enhancement on and off.
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- Auto Scan button rescans for the transmitter’s signal.
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- Bottom Panel
  - L/M/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 AR825.
  - DC IN receives the small round end of one of the included 9V 1200mA AC power adapters; remove the protective cover to insert the adapter.
  - Battery Compartment Cover (not shown) remove to install 6 AA batteries.

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Top panel
- SIGNAL indicator lights green when the audio is present and the transmitter is broadcasting.
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Connecting to the Speaker System

Powering the Transmitter

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Note: Be sure to use the AC power adapter rated 12V DC 200mA (it has the smaller diameter plug).

Connecting to an Audio Source

1. Connect 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 stereo amplifier.

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 AW825 for an extended period of time, unplug the transmitter AC power adapter.

Connecting to an A/V Receiver

1. Connect 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 a mini-jack to RCA adapter (not included).
3. Connect the stereo plugs on the mini-jack to RCA adapter to the corresponding left and right audio outputs of your A/V receiver, amp, or other audio source.

Powering the Speaker System

There are two options to power your wireless speaker: using the included AC power adapter or using 6 AA batteries (not included).

AC Power Adapters

1. Insert the small, round plug from the speaker AC power adapter into the DC IN jack on the bottom of the speaker.
2. Plug the other end of the speaker AC power adapter into any standard 120V AC wall outlet.

Note: Be sure to use the speaker AC power adapter rated 9V DC 1200mA.

Warning: This product is water-resistant, not waterproof. Avoid prolonged exposure to wet environments, such as rain, mist, dew, etc. In other words, you can take it out, just don’t leave it out. To avoid electrical shock, use this product with caution near water sources if powered with the AC adapter. Never submerge in water.

AA Batteries

1. Remove the battery compartment cover on the bottom of the speaker.
2. Insert six (6) AA batteries (not included) into the speaker following the polarity (“+” and “-”) as diagrammed inside the battery compartment.
3. Replace the battery compartment cover on the bottom of the speaker.

Note: Place the rubber cap in the speaker power input jack when using batteries.

DO NOT mix batteries with different chemistry types (for example, a zinc battery with an alkaline battery). DO NOT mix new and used batteries. DO NOT leave batteries installed in the product when not in use for long periods. Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with local and national regulations.
Troubleshooting section of this manual.

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 cable from 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.

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

The speaker automatically retunes if it loses the transmitter’s signal. You can also press the AutoScan button on the speaker’s back panel to make the speaker retune.

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.

About Fixed-Level Audio Outputs:
- 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” on the next page). Outputs from DVD players are almost always fixed.

About Variable-Level Audio Outputs:
- Most TVs, regardless of age or price, have variable outputs. If you are unsure which of your TV’s audio outputs are fixed, review the audio system manual. Some TVs have outputs that can switch between variable and fixed. When given a choice, fixed is always recommended.

Pairing the Speaker System

About Fixed-Level Audio Outputs

1. Press the Power button on the back of the speaker to turn it on. The indicator light on the front of the speaker blinks while the speaker is tuned to the transmitter—you should hear sound coming from the speaker now.

2. Set up the speaker for mono or stereo operation using the switch on the bottom of the AWBS5 speaker.
   - Mono operation: The monaural mode (mono) is recommended when using a single AWBS5 by itself. For mono operation, set the L/M/R switch to “M” on each speaker.
   - Stereo operation: You need an additional AWBS5 speaker for the stereo option. Set the L/M/R switch to “L” on the speaker located to the left from the listener, and set the other speaker to the “R” position.

3. Set up the speaker for mono or stereo operation using the switch on the bottom of the AWBS5 speaker.
   - Mono: Set the L/M/R switch to “M” on each speaker.
   - Stereo: Set the L/M/R switch to “L” on the speaker located to the left from the listener, and set the other speaker to the “R” position.

Tuning the Speaker

1. Press the Power button on the back of the speaker to turn it on. The indicator light on the front of the speaker blinks while the speaker is tuned to the transmitter—you should hear sound coming from the speaker now.

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 changing a different frequency by moving the channel select switch to another position.

3. Press and hold the TRANSMIT button on the back of the transmitter for several seconds to make the speaker transmit.

Tuning the Speaker

1. Press the Power button on the back 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

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

Troubleshooting

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

Troubleshooting

1. Press the Power button on the back 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

- Omni directional 900MHz broadcast
- Effective transmitting range: up to 150 ft. (45m)
- Phase locked loop circuitry (PLL)
- Automatic level control (ALC)
- Selectable broadcast frequencies
- Stereo audio input

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 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.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate.

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 should 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 conditions.

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