

Acoustic Audio by Goldwood AA5170

Acoustic Audio AA5170 Home Theater 5.1 Bluetooth Speaker System Instruction Manual

MODEL: AA5170

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Acoustic Audio AA5170 Home Theater 5.1 Bluetooth Speaker System. Please read this manual thoroughly before using the product to ensure proper function and safety.

Important Safety Information

- Ensure the power supply matches the system requirements (Standard US 110V grounded wall plug).
- Do not expose the system to water or excessive moisture.
- Do not open the speaker enclosures; there are no user-serviceable parts inside.
- Place speakers on stable surfaces to prevent falling.
- Keep the system away from heat sources and direct sunlight.
- Unplug the system during lightning storms or when unused for long periods.

What's in the Box

Carefully unpack your new speaker system and ensure all items listed below are present:

- 1 Powered Subwoofer Speaker (12.3" x 6.7" x 13.1")
- 5 Passive Wired Satellite Speakers (6.7" x 4.1" x 4" each)
- 1 Full Function Remote Control
- 1 RCA Antenna Cable
- 1 3.5mm to RCA Cable

- 1 RCA to RCA Jack Cable
- 5 RCA 25 Foot Extension Cables
- Instruction Manual (this document)

What's in the Box



Applications



Image: All components included in the Acoustic Audio AA5170 package. This includes the powered subwoofer, five wired satellite speakers, a remote control, various audio cables (RCA antenna, 3.5mm to RCA, RCA to RCA), and five 25-foot RCA extension cables.

Product Features

The Acoustic Audio AA5170 system offers a range of features for an immersive audio experience:

- **Bluetooth Connectivity:** Stream music wirelessly from your smartphone or other Bluetooth-enabled devices.
- **Integrated Power Amplifier:** Delivers 700 Watts of system power.
- **Pro Surround Function:** Automatically converts stereo audio to 5.1 surround sound.
- **Multiple Audio Inputs:** Standard RCA inputs for various audio sources, 6 independent RCA inputs for true surround sound, and stereo RCA AUX inputs.
- **Media Playback:** USB drive input and SD card input for direct media playback.

- **FM Tuner:** Built-in FM radio for listening to your favorite stations.
- **Illuminated Display:** Front panel controls with an illuminated display for easy navigation.
- **Full Function Remote:** Convenient control over all system functions.
- **Magnetically Shielded Satellite Speakers:** Designed to prevent interference with other electronic devices.
- **Enhanced Bass Boost:** Ported design for deep, rich bass.



Image: The main subwoofer unit highlighting key features such as 5.1 home theater capability, wireless Bluetooth streaming, easy plug-and-play setup with standard RCA inputs, and the requirement for standard RCA audio outputs from your TV or device.

Setup Instructions

Follow these steps to set up your Acoustic Audio AA5170 speaker system:

1. Placement:

- Place the powered subwoofer in a central location, typically near your TV or audio source.
- Position the five satellite speakers around your listening area for optimal 5.1 surround sound. The two front speakers should be on either side of your TV, the center speaker directly above or below the TV, and the two rear speakers behind your listening position.

2. Connecting Satellite Speakers:

- Connect the wired satellite speakers to the corresponding RCA output jacks on the back of the powered subwoofer.
- The two front and one center satellite speakers have 6-foot RCA cables.
- The two rear speakers have 12-foot RCA cables.
- Use the provided 25-foot RCA extension cables if additional length is needed for optimal placement of the rear speakers.

3. Connecting to Audio Source:

- **For 5.1 Surround Sound:** Use the 6 independent RCA inputs (FL, FR, SL, SR, CEN, SUB) on the subwoofer. Connect these to the corresponding 5.1 audio outputs of your DVD player, Blu-ray player, or sound card.
- **For Stereo Audio (2.1 or Pro Surround):** Use the stereo RCA AUX inputs (L/R) or the 3.5mm to RCA cable to connect to devices with a standard 3.5mm headphone jack (e.g., smartphone, laptop). The system's Pro Surround function can convert stereo to 5.1 sound.
- **FM Antenna:** Connect the RCA antenna cable to the "ANTENNA" jack on the subwoofer for improved FM radio reception.

4. Power Connection:

- Ensure all audio connections are secure.
- Plug the subwoofer's power cord into a standard US 110V grounded wall outlet.
- Turn on the power switch located on the back of the subwoofer.



**Select Bluetooth or
RCA/TV Input Mode**



**Plays Speakers in
2.1 or 5.1 Mode**

**Quick RCA Wire
Inputs and Outputs**



3 Satellites with 6 Foot Wire



2 Satellites with 12 Foot Wire

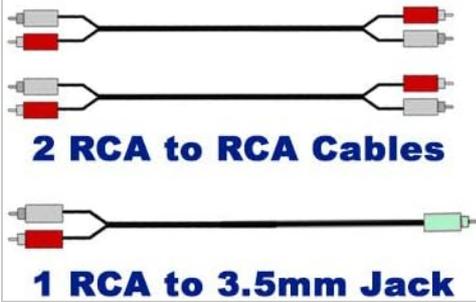


**Full Function
Remote Control
Included**

Image: A visual guide demonstrating how to connect the AA5170 system. It shows the subwoofer connected to a TV via RCA cables, with three satellite speakers using 6-foot wires and two satellite speakers using 12-foot wires. A detailed view of the subwoofer's rear panel with input/output connections is also visible, along with the remote control.



**5 Wired Satellite
Speakers
6.7" x 4.1" x 4" (HxWxD)**



2 RCA to RCA Cables

1 RCA to 3.5mm Jack



Back

**1 Powered Subwoofer
Control Speaker
12.3" x 6.7" x 13.1" (HxWxD)**

Image: A close-up of the powered subwoofer and one of the five wired satellite speakers, detailing their dimensions (Subwoofer: 12.3" x 6.7" x 13.1"; Satellites: 6.7" x 4.1" x 4"). Also shown are the included 2 RCA to RCA cables and 1 RCA to 3.5mm jack cable for various audio connections.



Powered Subwoofers

Image: This diagram illustrates different ways to connect the speaker system. It shows standard RCA connections for best results with TV audio outputs, notes that an optical audio output from a TV requires an optical to RCA converter (e.g., AADAC), and highlights music streaming options via Bluetooth or a 3.5mm headphone output, as well as USB/SD card playback.

Operating Instructions

Once your system is set up, follow these steps to operate it:

- 1. Power On/Off:** Use the power switch on the back of the subwoofer or the power button on the remote control to turn the system on or off.
- 2. Source Selection:** Press the "INPUT" button on the front panel or the remote control to cycle through available audio sources: Bluetooth, FM, USB, SD, AUX, 5.1 Input.
- 3. Volume Control:** Adjust the master volume using the large knob on the front panel or the "VOL+" / "VOL-" buttons on the remote. Individual channel volumes (Front, Rear, Center, Subwoofer) can also be adjusted via the remote.
- 4. Bluetooth Pairing:**
 - Select "Bluetooth" as the input source. The display will show "BT".
 - On your mobile device, enable Bluetooth and search for "AA5170".
 - Select "AA5170" to pair. Once paired, you will hear a confirmation tone, and you can stream audio from your device.
- 5. FM Radio:**
 - Select "FM" as the input source.
 - Press the "SCAN" button on the front panel or remote to automatically scan and save available FM stations.
 - Use the "PREV" / "NEXT" buttons to navigate through saved stations.
- 6. USB/SD Card Playback:**
 - Insert a USB drive or SD card into the respective slot on the front panel.
 - Select "USB" or "SD" as the input source. The system will automatically begin playing compatible audio files.
 - Use the playback controls (Play/Pause, Next, Previous) on the front panel or remote.
- 7. Pro Surround Function:** When playing stereo audio through AUX or Bluetooth, the system can convert it to 5.1 surround sound. This function is typically automatic or can be toggled via the remote if available.

Maintenance

To ensure the longevity and optimal performance of your speaker system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the speakers and subwoofer. Avoid using abrasive cleaners, waxes, or solvents.
- **Dust Removal:** Regularly dust the speaker grilles and vents to prevent accumulation, which can affect sound quality and heat dissipation.
- **Cable Management:** Ensure all cables are neatly organized and not pinched or strained.
- **Ventilation:** Do not block the ventilation ports on the subwoofer, as this can lead to overheating.
- **Storage:** If storing the system for an extended period, unplug it from the power outlet and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting Guide

If you encounter issues with your Acoustic Audio AA5170 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; Outlet not working	Ensure power cord is securely plugged in; Turn power switch on; Test outlet with another device
No sound	Incorrect input source selected; Volume too low; Cables loose or incorrect; Mute function active	Select correct input source; Increase master volume; Check all audio cables for secure connection; Deactivate mute on remote
Distorted sound	Volume too high; Poor audio source quality; Loose connections	Reduce volume; Try a different audio source; Check all cable connections
Bluetooth not connecting	System not in Bluetooth mode; Device too far; Device already paired with another system	Select Bluetooth input; Ensure device is within range (approx. 30 feet); Disconnect from other devices and try again
FM radio static	Poor antenna reception; Weak signal	Adjust the position of the FM antenna; Rescan for stations; Try a different location if possible

Specifications

Detailed technical specifications for the Acoustic Audio AA5170 Home Theater 5.1 Bluetooth Speaker System:

Model: AA5170

Brand: Acoustic Audio by Goldwood

Speaker Type: 5.1 Surround Speaker Set

Connectivity Technology: Bluetooth, RCA

Audio Output Mode: Stereo, Surround

Speaker Maximum Output Power: 700 Watts

Frequency Response: 20Hz-20 kHz

Powered Subwoofer Dimensions (H x W x D): 12.3" x 6.7" x 13.1"

Satellite Speaker Dimensions (H x W x D): 6.7" x 4.1" x 4" each

Input Voltage: 110 Volts (Standard US)

Control Method: Remote, Front Panel Controls

Included Components: 1 Powered Subwoofer, 5 Passive Wired Satellite Speakers, Full Function Remote, Cables (RCA Antenna, 3.5mm to RCA, RCA to RCA, 5x 25ft RCA Extension)

Item Weight: Approximately 23 Pounds

Special Feature: Bass Boost, FM Tuner, USB/SD Card Input

Warranty Information

This Acoustic Audio by Goldwood product comes with a Limited Warranty. Please refer to the product

packaging or contact customer support for specific details regarding warranty coverage, terms, and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Acoustic Audio by Goldwood customer support. Contact information can typically be found on the manufacturer's website or product packaging.

Website: [Acoustic Audio by Goldwood Store](#)