

Yamaha NS-AW194BL

Yamaha NS-AW194BL All-Weather Speakers Instruction Manual

Model: NS-AW194BL

1. INTRODUCTION

Thank you for choosing Yamaha NS-AW194BL High-Performance All-Weather Speakers. These speakers are designed to deliver outstanding sound quality and durability in various environments, including outdoor settings. Their simple and elegant design allows for flexible installation in many types of locations.

Key Features:

- Simple, Elegant Design
- Wide Range of Installation Possibilities
- Convenient Design
- Two-way bass reflex design: Powerful woofer delivers accurate mid/low frequency response; Balanced dome tweeter ensures clear high frequency response

2. SETUP AND INSTALLATION

The Yamaha NS-AW194BL speakers are designed for versatile placement, including tabletop, floor standing, or wall mounting. Ensure the mounting surface is sturdy enough to support the speaker's weight (2.9 pounds per speaker).

2.1 Unpacking

Carefully remove the speakers and all included accessories from the packaging. Verify that all components, including connection cables, are present.

2.2 Speaker Placement

For optimal sound, place the speakers symmetrically in your listening area. When used outdoors, consider locations that offer some protection from direct exposure to extreme weather conditions, even though the speakers are weatherproof.



Figure 1: Front view of the Yamaha NS-AW194BL speaker, showcasing its simple and elegant design.

2.3 Mounting (Optional)

The speakers come with mounting brackets for wall installation. Use appropriate hardware (not always included) for your specific wall type to securely attach the brackets. Ensure the speakers are angled towards the listening area for the best audio experience.



Figure 2: Yamaha NS-AW194BL speaker shown with its included mounting bracket, ready for wall installation.

2.4 Connecting to an Amplifier

These are passive speakers and require an external amplifier or receiver. Connect the included connection cables (or suitable speaker wire) from your amplifier's speaker outputs to the corresponding terminals on the back of each NS-AW194BL speaker. Ensure correct polarity (+ to + and - to -) for optimal sound performance.



Figure 3: Rear view of the speaker, highlighting the wired connection terminals for amplifier hookup.

3. OPERATING INSTRUCTIONS

Once properly connected to an amplifier, operating your Yamaha NS-AW194BL speakers is straightforward.

3.1 Powering On/Off

The speakers do not have a separate power switch. They receive power from your connected amplifier. Turn your amplifier on or off to control the speakers.

3.2 Volume Control

Adjust the volume using the controls on your connected amplifier or audio source. Start with a low volume and gradually increase it to a comfortable listening level.

3.3 Optimizing Sound

Experiment with speaker placement and angle to achieve the best sound dispersion in your listening area. For outdoor use,

consider how surrounding structures or open spaces might affect sound projection.

4. MAINTENANCE AND CARE

The Yamaha NS-AW194BL speakers are designed for all-weather use, featuring waterproof, weatherproof, water-resistant, and UV-resistant properties. Proper care will ensure their longevity and performance.

4.1 Cleaning

To clean the speaker cabinets, use a soft, damp cloth. For stubborn dirt, a mild soap solution can be used, followed by wiping with a clean, damp cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish and weather-resistant properties.

4.2 Environmental Considerations

While designed for all-weather use, prolonged exposure to extreme conditions (e.g., direct heavy rain, snow, or intense sunlight) can still impact the speaker's aesthetic over time. Periodically inspect the mounting hardware and cables for any signs of wear or corrosion, especially in outdoor installations.

5. TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common troubleshooting steps:

5.1 No Sound

- **Check Amplifier Power:** Ensure your amplifier/receiver is powered on and functioning correctly.
- **Verify Connections:** Confirm that all speaker cables are securely connected to both the speakers and the amplifier, with correct polarity.
- **Source Selection:** Ensure the correct audio input source is selected on your amplifier.
- **Volume Level:** Increase the volume on your amplifier to an audible level.

5.2 Distorted Sound

- **Reduce Volume:** If the sound is distorted at high volumes, reduce the volume on your amplifier. The speakers have a maximum output power of 60 Watts.
- **Check Connections:** Loose or faulty connections can cause distortion. Re-check all speaker wire connections.
- **Source Quality:** Ensure the audio source (e.g., music player, radio) is providing a clean signal.

5.3 Poor Bass Response

- **Speaker Placement:** Bass response can be affected by speaker placement. Try moving speakers closer to a wall or corner to enhance bass, or adjust their position for better room acoustics.
- **Polarity:** Incorrect speaker wire polarity can lead to reduced bass. Double-check that + and - terminals are matched.
- **Amplifier Settings:** Adjust bass/treble controls or equalizer settings on your amplifier.

6. SPECIFICATIONS

Below are the technical specifications for the Yamaha NS-AW194BL speakers:

Feature	Specification
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Feature	Specification
Model Name	NS-AW194BL
Speaker Type	2-way, Bass Reflex (Woofer, Tweeter)
Woofer Diameter	4 Inches
Tweeter Diameter	1 Inch
Speaker Maximum Output Power	60 Watts
Impedance	8 Ohms
Frequency Response	100 Hz (lower limit)
Product Dimensions (D x W x H)	6"D x 6.8"W x 9.7"H
Item Weight	2.9 Pounds
Water Resistance Level	Waterproof, Weatherproof, Water Resistant, UV Resistant
Mounting Type	Tabletop, Floor Standing (includes brackets for wall mounting)
Connectivity Technology	Wired (RCA compatible)
Included Components	Connection Cables
Color	Black



Figure 4: Diagram showing the dimensions of the Yamaha NS-AW194BL speaker.

7. WARRANTY INFORMATION

The Yamaha NS-AW194BL speakers come with a limited warranty. For detailed information regarding the terms, conditions, and duration of your warranty, please refer to the warranty card included with your product or visit the official Yamaha website.

8. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries about your Yamaha NS-AW194BL speakers, please visit the official Yamaha support website or contact their customer service department. You can find contact information and FAQs on the Yamaha website.

Official Yamaha Website: www.yamaha.com