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› STUDIOFINIX 800W 6.5 Inch Outdoor Bluetooth Speakers Waterproof Wired with Multifunctional Amplifier Wall Mount Weatherproof Loudspeaker System for Patio Garden Poolside Home(4 Speakers,Black) - Instruction Manual

STUDIOFINIX HNGM-4-601BTB

STUDIOFINIX 800W 6.5 Inch Outdoor Bluetooth Speakers Instruction Manual

Model: HNGM-4-601BTB

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your STUDIOFINIX 800W 6.5 Inch Outdoor Bluetooth Speakers. Designed for both indoor and outdoor use, these waterproof speakers deliver high-fidelity sound with versatile connectivity options. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- 4 x Passive Speakers
- 1 x AMP68 Multifunctional Amplifier Box
- Speaker Wires
- Power Cord
- 12V DC Cable
- Power Adapter
- Instruction Manuals (2)

PACKAGE INCLUDE

1 * Amplifier 2 * manual 1* Power cord
1* 12V DC cable 1* Power Adapter
4 * speakers and 4 speaker cables



Image: Contents of the package, showing four speakers, the AMP68 amplifier, power cables, and instruction manuals.

PRODUCT OVERVIEW

The STUDIOFINIX 800W 6.5 Inch Outdoor Bluetooth Speakers system is designed for robust audio performance in various environments. Key features include:

- **High Power Output:** 200 Watts per speaker (800 Watts total for 2 pairs) with 6.5" polypropylene cone woofers and 1" PET dome tweeters.
- **Versatile Application:** Suitable for backyard, patio, poolside, garden, or RV use.
- **Durable Construction:** IP66 waterproof rating for dust and water resistance, featuring a rugged ABS cabinet and anti-rust meshed grills.
- **Multifunctional Amplifier (AMP68):** Supports Bluetooth 5.0, AUX, USB, and Microphone inputs, allowing connection of up to 4 speakers.
- **Flexible Mounting:** Includes adjustable wall mount brackets for versatile placement.



Image: A set of four black STUDIOFINIX outdoor speakers, showcasing their compact design.



**Removable
Mounting Bracket**



Adjustable Wall Mount Bracket

Image: Detail of the speaker's removable and adjustable wall mount bracket, allowing for flexible installation angles.

Product Dimension



**5.17ibs
for 1 speaker**

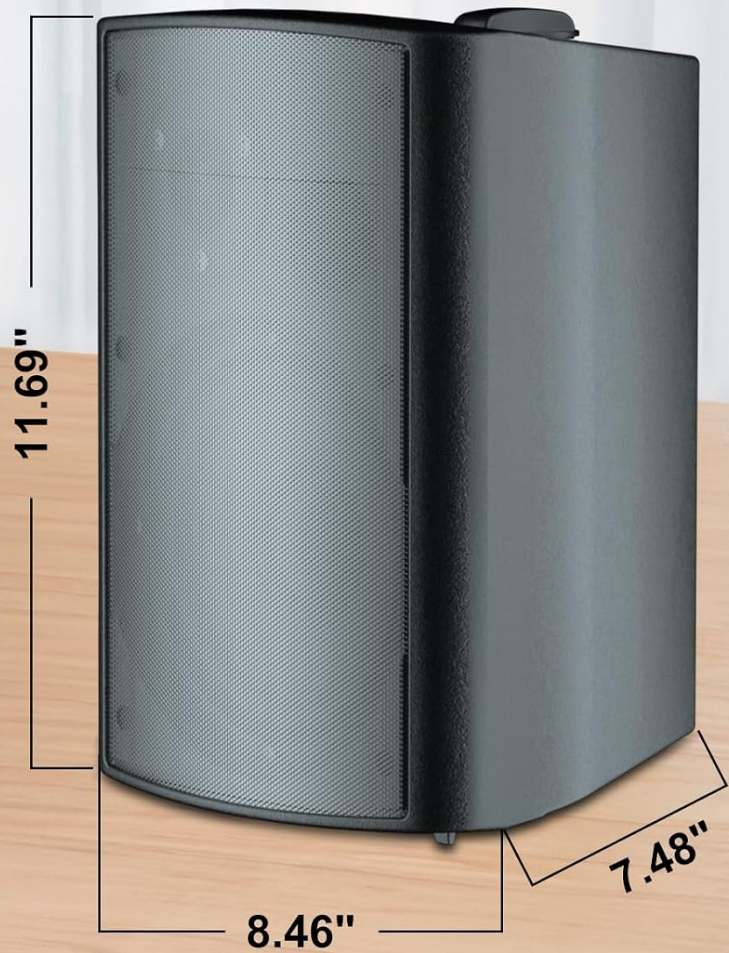


Image: A diagram illustrating the product dimensions of a single speaker, measuring 11.69 inches in height, 8.46 inches in width, and 7.48 inches in depth.

IP66 Waterproof Construction



Rust Proof Speaker Grills

Image: Two speakers with water droplets on their surface, highlighting their IP66 waterproof construction and rust-proof speaker grills.

SPECIFICATIONS

Feature	Detail
Brand	STUDIOFINIX
Model Name	800W 6.5 Inch Outdoor Bluetooth Speakers
Speaker Type	Woofer
Special Feature	Waterproof
Connectivity Technology	Auxiliary, USB, Bluetooth
Recommended Uses	For Outdoor and Indoor Audio Listening (backyard/patio, near the pool, RV)
Compatible Devices	Smartphone, Tablet, Laptop

Speaker Maximum Output Power	800 Watts
Woofer Diameter	6.5 Inches
Tweeter Diameter	1 Inch (2.54 Centimeters)
Material	Aluminum (Cabinet: Heavy Duty Plastic)
Product Dimensions	4.57"D x 3.33"W x 3.02"H (Individual Speaker: 11.69"H x 8.46"W x 7.48"D)
Item Weight	25.8 pounds (11.75 Kilograms)
Water Resistance Level	IP66 (Waterproof)
Mounting Type	Outside Mount, Wall Mount
Control Method	Voice (via connected device)
Bluetooth Range	20 Meters (65 feet)

SETUP GUIDE

1. Mounting the Speakers

The speakers come with adjustable wall mount brackets for flexible installation. Ensure the mounting surface is sturdy enough to support the speaker's weight.

1. Identify the desired mounting location. Consider optimal sound dispersion for your space.
2. Detach the mounting bracket from the speaker by loosening the side knobs.
3. Use the bracket as a template to mark the drill holes on the wall or mounting surface.
4. Drill pilot holes if necessary, then secure the bracket using appropriate screws (not included, choose based on wall material).
5. Reattach the speaker to the mounted bracket and tighten the side knobs to secure it at the desired angle.



Removable Mounting Bracket



Adjustable Wall Mount Bracket

Image: The adjustable wall mount bracket allows for precise angling of the speakers after installation.

2. Connecting the Speakers to the Amplifier

The system includes an AMP68 multifunctional amplifier box to power the passive speakers. Ensure the amplifier is placed in a dry, protected area, especially if speakers are outdoors.

1. Connect the speaker wires to the binding posts on the back of each speaker. Match the positive (+) red terminal on the speaker to the positive (+) terminal on the amplifier, and the negative (-) black terminal on the speaker to the negative (-) terminal on the amplifier.
2. Connect the other end of the speaker wires from each speaker to the corresponding L+ / L- (Left) and R+ / R- (Right) terminals on the AMP68 amplifier. Ensure correct polarity for all connections.
3. Connect the 12V DC cable to the AMP68 amplifier.
4. Plug the power adapter into the 12V DC cable, then plug the power cord into a standard electrical outlet.

Outdoor Speakers With Bluetooth Amplifier Kit

4 Passive Outdoor Speakers Connected to the Independent Bluetooth Amplifier Box



Image: Visual representation of the four passive outdoor speakers connected to the independent Bluetooth amplifier box, illustrating the wiring setup.

OPERATING INSTRUCTIONS

AMP68 Control Functions



6.5 Inch 800W Bluetooth Outdoor Speakers

Image: A detailed diagram of the AMP68 amplifier's control panel, labeling buttons for power, mode, volume, track control, and TWS/Mono modes.

- **Power On/Off:** Press and hold the Play/Pause button (1) for 3 seconds.
- **Play/Pause:** Short press the Play/Pause button (1).
- **Mode Switch:** Short press the Mode button (2) to cycle between Bluetooth, USB, AUX, and MIC inputs.
- **Volume Control:** Short press VOL-TWS (3) to decrease volume, short press VOL+MONO (4) to increase volume.
- **TWS Mode (True Wireless Stereo):** Press and hold VOL-TWS (3) for 3 seconds to turn on/off TWS mode for stereo pairing with another compatible unit.
- **Mono Mode:** Press and hold VOL+MONO (4) for 3 seconds to turn on/off Mono mode.
- **Track Control:** Short press Previous Track (5) for the previous song, short press Next Track (6) for the next song.
- **Fast Rewind/Forward:** Press and hold Previous Track (5) for fast rewind, press and hold Next Track (6) for fast forward.
- **Restore Factory Settings:** Press and hold the Mode button (2) for 3 seconds.

Bluetooth Pairing

1. Ensure the AMP68 amplifier is powered on and in Bluetooth mode (indicated by a blue LED).

2. On your mobile device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
3. Select "STUDIOFINIX" or the model number (e.g., HNGM-4-601BTB) from the list of devices.
4. Once connected, the amplifier will indicate successful pairing, and you can begin playing audio through the speakers.

MAINTENANCE

To ensure the longevity and optimal performance of your STUDIOFINIX outdoor speakers, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe down the speaker cabinets and grills with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Weather Protection:** While the speakers are waterproof (IP66 rated), prolonged exposure to extreme weather conditions (e.g., direct heavy rain, snow, extreme heat) should be minimized. Consider placing them under eaves or in covered areas.
- **Cable Inspection:** Periodically check speaker wires and power cables for any signs of wear, fraying, or damage. Replace damaged cables immediately to prevent electrical hazards and ensure consistent performance.
- **Amplifier Care:** The AMP68 amplifier box is not waterproof. Always ensure it is installed in a dry, protected location, away from moisture and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your STUDIOFINIX speaker system, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely plugged into a working electrical outlet and the amplifier.
 - Check if the power indicator light on the amplifier is on.
- **No Sound:**
 - Verify all speaker wire connections are secure and correctly matched (positive to positive, negative to negative) on both the speakers and the amplifier.
 - Check the volume levels on both the amplifier and your connected audio source device.
 - Ensure the correct input mode (Bluetooth, AUX, USB, MIC) is selected on the amplifier.
 - Test with a different audio source or cable to rule out issues with the source device or cable.
- **Bluetooth Connection Issues:**
 - Make sure the amplifier is in Bluetooth pairing mode.
 - Ensure your device is within the 20-meter Bluetooth range.
 - Forget the device from your phone's Bluetooth settings and try pairing again.
 - Restart both the amplifier and your Bluetooth device.
- **Distorted Sound:**
 - Reduce the volume on both the amplifier and the audio source.
 - Check for loose speaker wire connections.
 - Ensure the audio source is not overdriving the amplifier.

WARRANTY AND SUPPORT

STUDIOFINIX provides a **1-Year Warranty Service** for this product. We are committed to ensuring customer satisfaction. If you have any technical questions or require assistance with your product, please do not hesitate to contact our Professional

Customer Support Team. Our team is available to help you 24 hours a day.
For support, please refer to the contact information provided on the product packaging or the official STUDIOFINIX website.