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› STUDIOFINIX 6.5 Inch Outdoor Waterproof Speakers User Manual

STUDIOFINIX HNGM-601W

STUDIOFINIX 6.5 Inch Outdoor Waterproof Speakers

Model: HNGM-601W

INTRODUCTION

Thank you for choosing STUDIOFINIX 6.5 Inch Outdoor Waterproof Speakers. These speakers are designed to deliver high-quality audio in various outdoor and indoor environments, including patios, poolsides, garages, and homes. Constructed with durable ABS material and featuring a waterproof design, they are built to withstand the elements while providing powerful and clear sound.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your speakers. Please read it thoroughly before use to ensure optimal performance and longevity of your product.

IMPORTANT SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the speakers or injury to yourself:

- Do not attempt to disassemble or modify the speakers. This may void the warranty and pose a safety risk.
- Ensure all connections are secure and correctly polarized (positive to positive, negative to negative) before powering on your audio system.
- Avoid exposing speakers to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture beyond their IP rating.
- Do not mount speakers in unstable locations where they could fall and cause injury or damage.
- Keep speakers away from heat sources, open flames, and strong magnetic fields.
- When cleaning, use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Always disconnect power to your audio system before making any connections or performing maintenance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 2 x STUDIOFINIX 6.5 Inch Passive Outdoor Speakers
- 1 x User Manual
- 2 x Speaker Cables

- Mounting Brackets (pre-attached or included separately)



Figure 1: Package Contents. The image displays two black STUDIOFINIX outdoor speakers, a user manual, and two sets of red and black speaker wires, indicating all items included in the product package.

SETUP AND INSTALLATION

Mounting the Speakers

The STUDIOFINIX outdoor speakers are designed for universal mounting, allowing for both horizontal and vertical orientation. The U-shaped swivel bracket facilitates easy adjustment of the speaker angle.

1. Choose a suitable mounting location. Ensure the surface is sturdy enough to support the weight of the speakers.
2. Position the U-shaped mounting bracket against the desired surface and mark the drilling points.
3. Drill pilot holes at the marked locations. Use appropriate drill bits for the mounting surface (wood, masonry, etc.).
4. Secure the mounting bracket to the surface using suitable screws (not included, as they depend on the mounting surface).
5. Attach the speaker to the mounted bracket. Adjust the angle as desired and tighten the bracket screws to secure the speaker in place.

Astounding Audio Experience

The speaker consistently produces pure, well-balanced mids that bring your music to life.



More Power More Detail

The 6.5-inch wide passive radiator made of aluminium alloy delivers the bass and ensures that the sound system is of high fidelity.



More Power More Detail

The 3-inch wide passive radiator made of aluminium alloy delivers the bass and ensures that the sound system is of high fidelity.

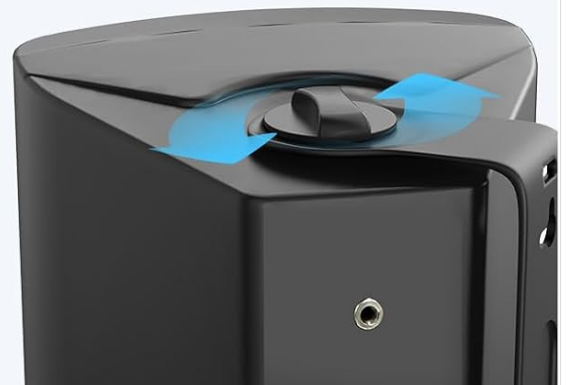


Figure 2: Adjustable Mounting Bracket. This image highlights the speaker's integrated swivel bracket, demonstrating its flexibility for angle adjustment during installation.

Connecting the Speakers

These are passive speakers and require an external amplifier (not included) for operation. Ensure your amplifier is capable of driving 400W (200W per speaker) at the appropriate impedance.

1. Identify the positive (+) and negative (-) terminals on both your amplifier and the speakers. The speaker terminals are typically color-coded: red for positive and black for negative.
2. Connect one end of the provided speaker cable to the speaker terminals, ensuring positive connects to positive and negative to negative.
3. Connect the other end of the speaker cable to the corresponding output terminals on your amplifier. Maintain correct polarity.
4. Repeat the process for the second speaker.

How to Use



Figure 3: Connection Diagram. This diagram illustrates the wiring setup, showing two passive speakers connected to an amplifier (not included) via speaker cables, with clear indications for positive (red) and negative (black) terminals.



Figure 4: Speaker Terminal Connections. A detailed view of the speaker's input terminals, clearly showing the red (positive) and black (negative) connections for speaker wire attachment.

OPERATING THE SPEAKERS

Once properly connected to an amplifier, your STUDIOFINIX speakers are ready for use. The operation of the speakers is controlled by your connected audio source and amplifier.

- **Power On:** Turn on your amplifier and audio source.
- **Volume Control:** Adjust the volume using the controls on your amplifier or audio source. Start with a low volume and gradually increase it to a comfortable listening level.
- **Audio Playback:** Begin playing audio from your connected device (e.g., smartphone, tablet, PC, TV).
- **Placement:** Experiment with speaker placement to achieve the best sound dispersion for your listening area.

400W Loud Sound with Exclusive Bass



Figure 5: Internal Speaker Components. This image provides an exploded view of the speaker, illustrating its woofer and tweeter, designed to produce 400W of loud sound with exclusive bass.



Figure 6: Powerful Audio Output. A close-up of the speaker's driver, highlighting its capacity for 2x 200W maximum power output, delivering a live music experience.

MAINTENANCE

Proper maintenance will ensure the longevity and continued performance of your STUDIOFINIX speakers.

- **Cleaning:** Use a soft, lint-free cloth to wipe down the speaker enclosures. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals, solvents, or abrasive cleaners.
- **Water Exposure:** While the speakers are waterproof (IP44/IP66 rated), avoid submerging them or exposing them to high-pressure water jets. After heavy rain, allow them to air dry.
- **Environmental Protection:** Although designed for outdoor use, consider covering the speakers during extreme weather conditions (e.g., heavy snow, prolonged freezing temperatures) to extend their lifespan.
- **Connection Check:** Periodically check all cable connections to ensure they remain secure and free from corrosion.

IP44 Waterproof



Figure 7: IP44 Waterproof Feature. The image shows the speaker enduring water splashes, illustrating its IP44 waterproof capability, suitable for outdoor environments.

IP66 Rating Waterproof Design

Waterproof and rustproof, installed in any place outdoors without worrying about quality



Figure 8: IP66 Waterproof Design. This image emphasizes the speaker's IP66 waterproof and rustproof construction, ensuring durability when installed outdoors without concern for quality degradation.

TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Amplifier not powered on. Incorrect speaker connections (polarity). Volume too low on amplifier or source. Faulty speaker cable.	Ensure amplifier is on and functioning. Check speaker wire connections for correct polarity (+ to +, - to -). Increase volume on amplifier and audio source. Test with a different speaker cable if available.
Distorted sound	Volume too high, causing clipping. Loose speaker connections. Amplifier underpowered or overdriven.	Reduce volume on amplifier and audio source. Check and secure all speaker wire connections. Ensure amplifier power matches speaker requirements.
One speaker not working	Faulty speaker cable for that channel. Incorrect connection for that speaker. Amplifier channel issue.	Swap speaker cables between speakers to isolate the issue. Verify connections for the non-working speaker. Test the amplifier channel with another known working speaker.

SPECIFICATIONS

Key technical specifications for the STUDIOFINIX 6.5 Inch Outdoor Waterproof Speakers:

- **Model Name:** 6.5 Inch Outdoor Speakers Waterproof Wired 400W Wall Mount
- **Model Number:** HNGM-601W
- **Speaker Type:** Outdoor, Passive
- **Subwoofer Diameter:** 6.5 Inches
- **Max Output Power:** 400 Watts (200 Watts per speaker)
- **Connectivity Technology:** Wired (Auxiliary)
- **Audio Output Mode:** Stereo
- **Material:** ABS
- **Color:** Black
- **Waterproof Rating:** IP44 / IP66 (as per product images and A+ content)
- **Mounting Type:** Wall Mount (Adjustable bracket)
- **Product Dimensions (L x W x H):** Approximately 11.69 x 8.46 x 7.48 inches (29.7 x 21.5 x 19 cm)
- **Item Weight:** 5.5 Kilograms (for the pair)
- **Recommended Uses:** Outdoor entertainment, poolside, patio, deck, home garage audio.

Product Dimension



11.69in/29

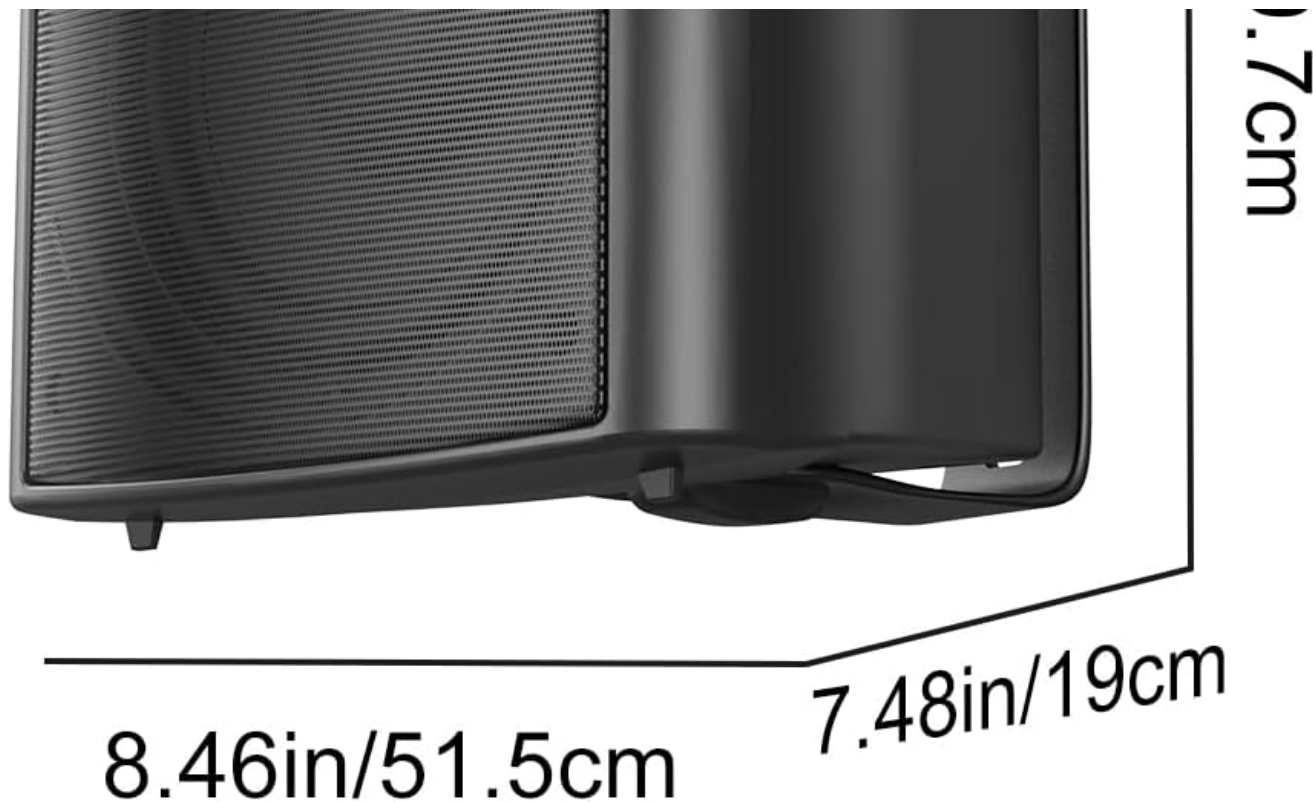


Figure 9: Product Dimensions. This image provides a clear visual representation of the speaker's dimensions, including height, width, and depth in both inches and centimeters.



Figure 10: STUDIOFINIX 6.5 Inch Outdoor Speakers. A pair of the black outdoor speakers, showcasing their design and size.

WARRANTY AND SUPPORT

STUDIOFINIX is committed to customer satisfaction. Your speakers come with a **1-year warranty** from the date of purchase.

This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

For technical assistance, warranty claims, or any questions regarding your STUDIOFINIX speakers, please contact our professional customer support team. Refer to the contact information provided on the STUDIOFINIX official website or the product packaging.

We are dedicated to providing prompt and helpful support to ensure you have an enjoyable audio experience.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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