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› GOWENIC Passive Subwoofer Speaker (Model GOWENICx7yas6r2d3) User Manual

GOWENIC GOWENICx7yas6r2d3

GOWENIC Passive Subwoofer Speaker User Manual

Model: GOWENICx7yas6r2d3

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your GOWENIC Passive Subwoofer Speaker. Please read this manual thoroughly before using the product and retain it for future reference. This passive subwoofer is designed to enhance the low-frequency audio output of your home theater system when connected to a compatible amplifier or TV with a pure low-frequency output.



Image 1.1: The GOWENIC Passive Subwoofer Speaker in a typical home environment.

2. SAFETY INFORMATION

- **Power Source:** Ensure your amplifier or TV provides the correct power output for this passive subwoofer. Incorrect power can damage the unit.
- **Placement:** Place the subwoofer on a stable, flat surface to prevent it from falling. Avoid placing it near heat sources, direct sunlight, or in areas with high humidity.
- **Ventilation:** Do not block any ventilation openings. Adequate airflow is necessary to prevent overheating.
- **Cleaning:** Disconnect the subwoofer from the amplifier before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Children:** Keep the product and its accessories out of reach of children.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, contact your retailer.

- 1 x GOWENIC Passive Subwoofer Speaker
- 1 x Audio Cable
- 1 x User Manual (this document)

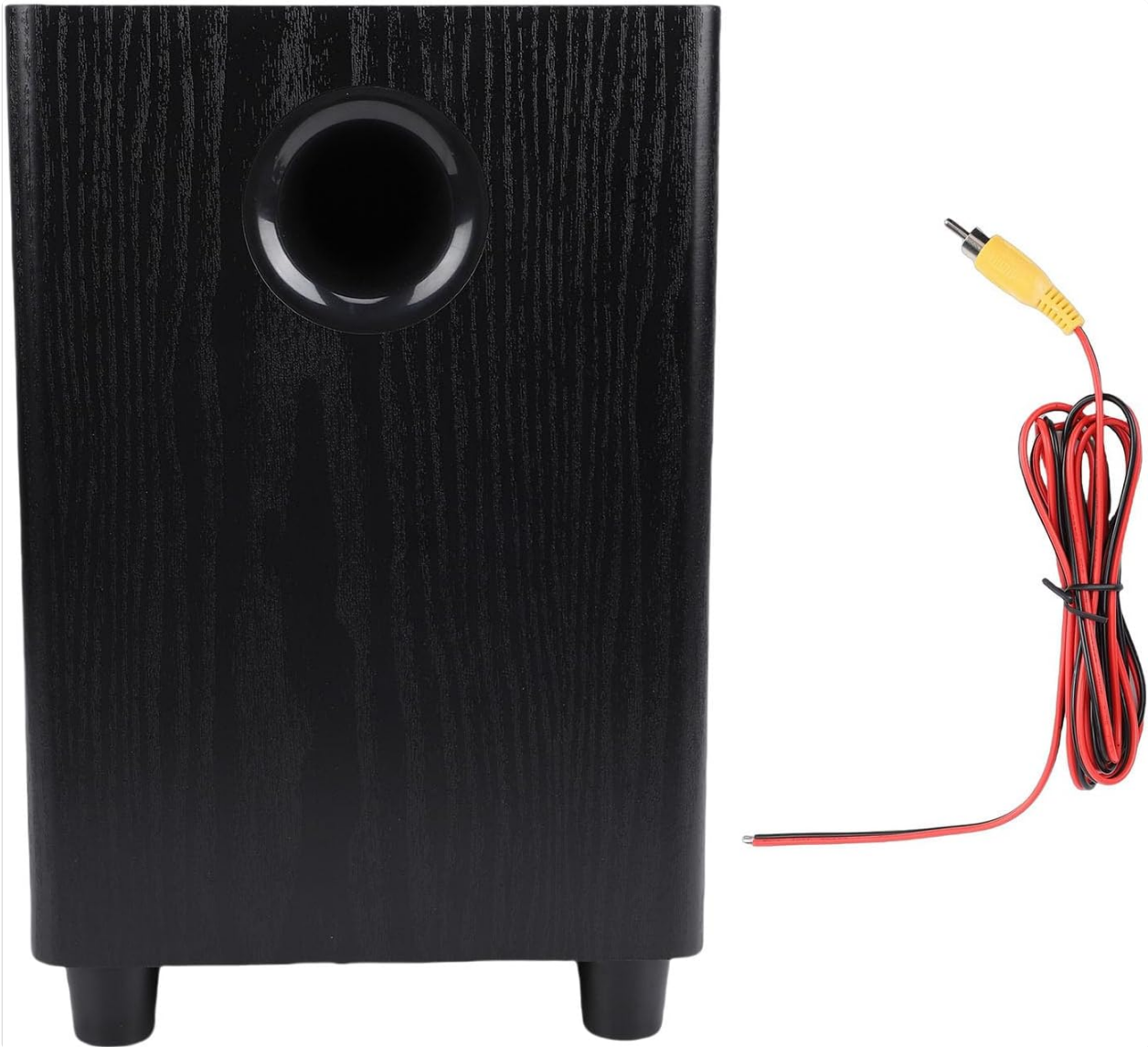


Image 3.1: The subwoofer unit shown with the included audio cable.

4. PRODUCT FEATURES

The GOWENIC Passive Subwoofer Speaker is engineered to deliver enhanced bass performance for your audio setup.

- **Powerful Sound Performance:** Features a 6.5-inch speaker with a 100W maximum power output for deep and impactful bass.
- **Durable MDF Construction:** Constructed from premium MDF material, ensuring stability and a smooth finish.
- **Enhanced Bass Surround Effect:** Utilizes ground low-pass filter effects to purify low frequencies and reduce directivity, contributing to a more immersive sound experience.
- **Impact-Proof Stability:** Designed with a stable structure and ground reflection sound principles to enrich

the bass effect.

- **Passive Design:** This is a passive subwoofer, meaning it requires an external amplifier or receiver to power it.

6.5 INCH PASSIVE SUBWOOFER

6.5 inch subwoofer speaker
100W high power, deep and powerful sound



Image 4.1: Front view of the GOWENIC 6.5-inch Passive Subwoofer Speaker.

5. SETUP

Follow these steps to correctly set up your GOWENIC Passive Subwoofer Speaker.

1. **Placement:** Position the subwoofer in your desired location. For optimal bass response, consider placing it on the floor, as its design utilizes ground reflection sound to enhance the bass effect. Experiment with different positions to find the best sound for your room.
2. **Identify Connections:** Locate the input terminals on the back of the subwoofer. These are typically red and black spring clips or binding posts.
3. **Connect to Amplifier/Receiver:** Using the provided audio cable, connect the subwoofer to the dedicated subwoofer output (often labeled 'SUB OUT' or 'LFE OUT') on your amplifier or receiver. Ensure the amplifier or TV supports a pure low-frequency output. Connect the red wire to the red terminal and the black wire to the black terminal on both the subwoofer and your amplifier/receiver.

4. **Power On:** Once connected, power on your amplifier/receiver and then the subwoofer (if it has a separate power switch, though passive subwoofers are typically powered by the amplifier).
5. **Test Sound:** Play audio through your system and adjust the subwoofer's volume and crossover settings on your amplifier/receiver for balanced sound.



Image 5.1: Connection diagram illustrating how to connect the subwoofer to an audio source.



Image 5.2: Front and rear views of the subwoofer, showing the input terminals.

6. OPERATING INSTRUCTIONS

As a passive subwoofer, its operation is primarily controlled by the amplifier or receiver it is connected to.

- **Power Control:** The subwoofer will power on and off with your connected amplifier or receiver.
- **Volume and Crossover:** Adjust the subwoofer's volume level and crossover frequency directly from your amplifier or receiver's settings. The crossover frequency determines the point at which frequencies below it are sent to the subwoofer.
- **Ground Gain Enhancer:** The subwoofer incorporates a ground low-pass filtering effect. This technology purifies low frequencies, reduces their directivity, and enhances the overall low-frequency surround immersion. This feature operates automatically to optimize bass output.



Image 6.1: Illustration of the Ground Gain Enhancer technology for improved bass.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your subwoofer.

- **Cleaning:** Regularly wipe the exterior of the subwoofer with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Use a soft brush or vacuum cleaner with a brush attachment to gently remove dust from the speaker cone and port.
- **Avoid Liquids:** Keep liquids away from the subwoofer. If liquid spills on the unit, immediately disconnect it from power and allow it to dry completely before reconnecting.
- **Storage:** If storing the subwoofer for an extended period, place it in its original packaging or a protective cover in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your subwoofer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No sound from subwoofer	<ul style="list-style-type: none"> • Incorrect connection • Amplifier/receiver not powered on • Subwoofer output disabled on amplifier/receiver • Volume too low 	<ul style="list-style-type: none"> • Check all cable connections are secure and correct. • Ensure your amplifier/receiver is powered on. • Verify the subwoofer output is enabled and configured correctly in your amplifier/receiver settings. • Increase the subwoofer volume on your amplifier/receiver.
Distorted or unclear bass	<ul style="list-style-type: none"> • Incorrect crossover frequency • Subwoofer placed too close to a wall • Overdriving the subwoofer 	<ul style="list-style-type: none"> • Adjust the crossover frequency on your amplifier/receiver. • Try repositioning the subwoofer further from walls or corners. • Reduce the subwoofer volume on your amplifier/receiver.
Subwoofer hums or buzzes	<ul style="list-style-type: none"> • Ground loop issue • Loose cable connection 	<ul style="list-style-type: none"> • Ensure all audio components are plugged into the same electrical outlet or power strip. • Check all audio cable connections for tightness.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Detailed technical specifications for the GOWENIC Passive Subwoofer Speaker.

- **Item Type:** Passive Subwoofer
- **Material:** MDF
- **Impedance:** 4Ω
- **Maximum Power:** 100W
- **Rated Power:** 50W
- **Speaker Type:** Built-in
- **Connectivity Technology:** Wired (Ethernet listed in specs, but product description implies standard audio cable for passive connection)
- **Product Size (Approx.):** 21.8 x 21 x 33 cm (8.58 x 8.27 x 12.99 inches)
- **Model Name:** GOWENICx7yas6r2d3
- **Manufacturer:** GOWENIC



Image 9.1: Diagram showing the approximate dimensions of the subwoofer.

10. WARRANTY INFORMATION

This GOWENIC Passive Subwoofer Speaker is covered by a manufacturer's warranty for 90 days from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation. Please retain your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, warranty claims, or any questions regarding your GOWENIC Passive Subwoofer

Speaker, please contact the retailer where you purchased the product or visit the official GOWENIC support website for further information.