

OSD Black Trevoce 15

OSD Black Trevoce 15 Active Subwoofer User Manual

MODEL: TREVOCE 15

1. Introduction

Thank you for choosing the OSD Black Trevoce 15 Active Subwoofer. This manual provides essential information for the proper installation, operation, and maintenance of your subwoofer. The Trevoce 15 is designed to deliver full-range bass and infrasonics, with a frequency response down to 16Hz, powered by a 1600-watt amplifier. Its triple woofer design, featuring one active and two passive cones, enhances bass performance for surround sound systems. This unit incorporates advanced digital amplifier technology for efficient, cool operation and consumes less than 0.5 watts in standby mode.

2. Safety Information

- **Power Source:** Connect the subwoofer only to the specified power supply (110-120V or 220-240V AC, 50/60Hz). Ensure the voltage selector switch on the rear panel matches your local power supply before connecting.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Water and Moisture:** Do not expose the subwoofer to rain, moisture, or excessive humidity. This product is not waterproof.
- **Heat Sources:** Keep the subwoofer away from heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth for cleaning.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Power Cord:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

3. Package Contents

Verify that all items are present in the package:

- OSD Black Trevoce 15 Active Subwoofer
- Power Cord

4. Product Overview

The OSD Black Trevoce 15 is a floor-standing active subwoofer designed to enhance the low-frequency performance of your audio system. It features a robust enclosure and a sophisticated control panel for precise audio adjustments.



Figure 4.1: Front-side view of the OSD Black Trevoce 15 Active Subwoofer, showcasing its compact design and main driver.

4.1 Rear Panel Controls and Connections

The rear panel of the Trevoce 15 subwoofer houses all the necessary controls and input/output connections for integration into your home theater system.



Figure 4.2: Overview of the rear panel, showing various inputs, outputs, and control knobs.



Figure 4.3: Detailed view of the control section on the rear panel, including power, phase, crossover, and volume adjustments.

4.2 Triple Driver Design

The Trevoce 15 utilizes a triple driver configuration, consisting of one active woofer and two passive radiators. This design allows for extended low-frequency response and increased output from a relatively compact enclosure.

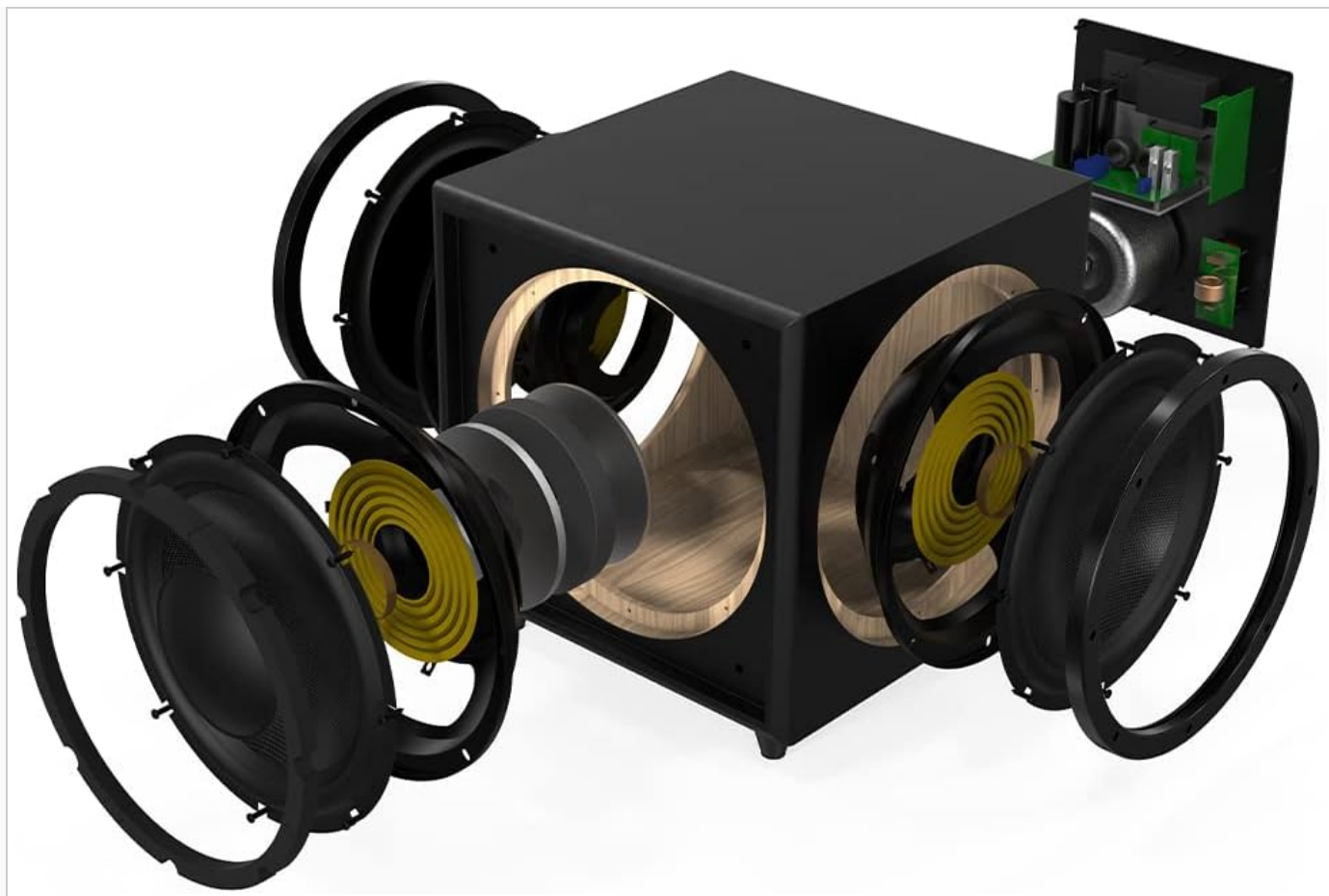


Figure 4.4: Exploded view illustrating the internal components and the triple driver arrangement of the subwoofer.

5. Setup

5.1 Unpacking

Carefully remove the subwoofer from its packaging. Retain all packaging materials for future transport or storage.

5.2 Placement

Subwoofer placement significantly impacts sound quality. Experiment with different locations to find the optimal position in your listening area. Generally, placing the subwoofer in a corner can enhance bass output, but may also lead to 'boomy' sound. Placing it along a wall can provide a more balanced response. Consider the following:

- **Room Acoustics:** Every room is unique. Bass response will vary depending on room size, shape, and furnishings.
- **Listening Position:** The subwoofer should ideally be placed within the front soundstage, near your main speakers.
- **Avoid Obstructions:** Ensure the subwoofer is not obstructed by furniture or other objects that could dampen its sound.

5.3 Connections

Before making any connections, ensure the subwoofer and all connected audio components are powered off.

- **LFE Input (Low-Frequency Effects):** For receivers or processors with a dedicated Subwoofer/LFE output, connect a single RCA cable from the LFE output of your receiver to the LFE input on the subwoofer. This is the recommended connection for home theater systems.
- **Low-Level Inputs (RCA):** If your receiver does not have an LFE output, use the left and right RCA inputs. Connect RCA cables from the pre-out/subwoofer output of your receiver to these inputs.
- **High-Level Inputs:** For receivers without dedicated subwoofer outputs or pre-outs, connect speaker wires from your receiver's main speaker outputs to the high-level inputs on the subwoofer. Then, connect speaker wires from the subwoofer's high-level outputs to your main speakers.

- **Balanced Input (XLR):** For professional audio equipment or receivers with balanced outputs, use an XLR cable to connect to the balanced input.
- **Power Connection:** After all audio connections are made, connect the supplied power cord to the subwoofer's AC inlet and then to a suitable wall outlet. Ensure the voltage selector switch is set correctly for your region.

6. Operating Instructions

6.1 Power On/Off

The subwoofer features a power switch and a power mode selector.

- **ON:** The subwoofer is continuously powered on.
- **AUTO:** The subwoofer will automatically turn on when an audio signal is detected and enter standby mode after a period of inactivity.
- **OFF:** The subwoofer is powered off.

6.2 Controls

- **Volume:** Adjusts the overall output level of the subwoofer. Start with a low setting and gradually increase until the bass blends seamlessly with your main speakers.
- **Crossover:** This control sets the upper frequency limit for the subwoofer. Frequencies above this setting will be rolled off. Adjust this to match the low-frequency capabilities of your main speakers. A common starting point is 80Hz. If your receiver has a built-in bass management system, set the subwoofer's crossover to its maximum (LFE) and manage the crossover through your receiver.
- **Phase:** This switch (0°/180°) helps to integrate the subwoofer's output with your main speakers. If the bass sounds weak or hollow, try flipping the phase switch. The correct setting will result in the most impactful and coherent bass.

6.3 App Control (Bluetooth)

The Trevoce 15 subwoofer supports control via a dedicated application using Bluetooth wireless communication technology. Refer to the app's instructions for detailed guidance on fine-tuning settings such as volume, crossover, and phase from your mobile device.

7. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to wipe the cabinet. Avoid using abrasive cleaners, waxes, or solvents.
- **Dust:** Regularly dust the subwoofer to prevent accumulation, especially around the drivers and ventilation areas.
- **Environment:** Keep the subwoofer in a stable environment, away from extreme temperatures, direct sunlight, and high humidity.

8. Troubleshooting

If you encounter issues with your OSD Black Trevoce 15 subwoofer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from subwoofer	◦ Power cord disconnected ◦ Subwoofer not powered on ◦ Volume too low ◦ Incorrect input selection ◦ Faulty audio cable	◦ Check power cord connection ◦ Ensure power switch is ON or AUTO ◦ Increase volume control ◦ Verify correct input on receiver/subwoofer ◦ Test with a different audio cable
Distorted or 'boomy' bass	◦ Volume too high ◦ Incorrect crossover setting ◦ Poor room acoustics/placement	◦ Reduce volume ◦ Adjust crossover frequency ◦ Experiment with subwoofer placement
Weak or thin bass	◦ Phase setting incorrect ◦ Volume too low ◦ Crossover set too high	◦ Toggle phase switch (0°/180°) ◦ Increase volume ◦ Lower crossover frequency
Subwoofer rattles	◦ Loose internal component ◦ External vibration	◦ Check for loose objects near the subwoofer ◦ If rattling persists, contact customer support

If the problem persists after attempting these solutions, please contact OSD Black customer support for further assistance.

9. Specifications

Model Name	Trevoce 15
Speaker Type	Active Subwoofer
Woofer Diameter	15 Inches (Active)
Speaker Maximum Output Power	1600 Watts
Frequency Response	16 Hz (-3dB)
Connectivity Technology	RCA, XLR, High-Level, Bluetooth (for App Control)
Control Method	App, Manual Knobs
Product Dimensions (D x W x H)	19.3" x 19.3" x 19.3"
Item Weight	97 Pounds
Included Components	Power Cord
Manufacturer	OSD Audio
UPC	810074880046

10. Warranty and Support

10.1 Warranty Information

The OSD Black Trevoce 15 Active Subwoofer comes with a limited warranty. Please refer to the warranty documentation included with your purchase or visit the official OSD Black website for specific terms and conditions.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact OSD Black customer support. You can typically find contact information on the manufacturer's website or through your retailer, OutdoorSpeakerDepot.

An official User Manual (PDF) is also available for download:[Download User Manual \(PDF\)](#)

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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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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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