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OSD Audio FORZA-8

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Model: FORZA-8

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your OSD Audio FORZA-8 8-inch Outdoor Subwoofer. Designed for outdoor environments, this passive subwoofer delivers 360-degree omni-directional bass, enhancing your outdoor audio experience. Its robust, weather-resistant construction ensures durability and reliable performance.



Figure 1: OSD Audio FORZA-8 Outdoor Subwoofer

SAFETY INFORMATION

- Ensure all wiring is performed by a qualified individual and complies with local electrical codes.
- Do not exceed the recommended power handling of 250 Watts. Overpowering the subwoofer can cause damage.
- Position the subwoofer in a stable location to prevent tipping or damage.
- Keep wiring connections secure and protected from moisture to prevent short circuits.
- Avoid placing the subwoofer near heat sources or in direct sunlight for prolonged periods, although it is weather-resistant.

PACKAGE CONTENTS

- 1 x OSD Audio FORZA-8 8-inch Outdoor Subwoofer

SETUP

1. Placement

The FORZA-8 subwoofer is designed for in-ground or on-ground landscape placement. Its omni-directional design ensures 360-degree sound dispersion, allowing for flexible positioning within your outdoor listening area. For optimal bass performance, consider placing the subwoofer in a location where its sound can reflect off nearby surfaces or be partially buried to couple with the ground.



Figure 2: Example of Subwoofer Placement in a Garden

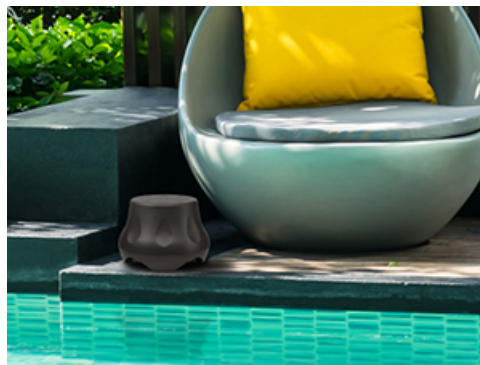


Figure 3: Subwoofer partially buried for enhanced bass response

2. Wiring Connections

The FORZA-8 is a passive subwoofer and requires an external amplifier. It features a built-in crossover and two sets of speaker connections for input and output. This allows you to connect your main speakers through the subwoofer, which will filter out low frequencies for the main speakers and direct them to the subwoofer.

- **Input:** Connect the speaker wire from your amplifier's left and right channels to the subwoofer's input terminals. The red wire typically connects to the positive (+) terminal, and the black wire to the negative (-) terminal.
- **Output:** Connect your satellite outdoor speakers to the subwoofer's output terminals. The yellow wire

typically connects to the positive (+) terminal, and the green wire to the negative (-) terminal.

Ensure all connections are secure and polarity is correct (positive to positive, negative to negative) to avoid phase issues and ensure optimal sound quality.



Figure 4: Internal Wiring Connections



Figure 5: Input and Output Terminal Labels



Figure 6: External Cable Connection Point

OPERATING

Once properly installed and wired, operate the subwoofer by powering on your connected amplifier. Adjust the amplifier's volume and bass settings to achieve your desired audio balance. Since the FORZA-8 is a passive subwoofer, its performance is directly dependent on the quality and power of the amplifier it is connected to. For best results, use an amplifier capable of delivering sufficient power within the subwoofer's recommended range (up to 250 Watts).



Figure 7: Omni-directional Sound Dispersion

MAINTENANCE

The FORZA-8 subwoofer features a sturdy, all-weather antique bronze enclosure with Teflon-sealed internal cabinetry, designed to withstand harsh outdoor environments. Regular maintenance is minimal:

- Periodically inspect the speaker wire connections for any signs of wear or corrosion. Ensure they remain tight and protected from moisture.
- Clean the exterior of the subwoofer with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the finish.
- Ensure that drainage holes (if any) at the base are clear of debris to prevent water accumulation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from subwoofer	Incorrect wiring; Amplifier off or faulty; Low volume on amplifier.	Check all speaker wire connections for correct polarity and secure fit. Ensure amplifier is powered on and functioning. Increase amplifier volume.
Distorted or unclear bass	Amplifier overpowering the subwoofer; Incorrect crossover settings; Loose internal components.	Reduce amplifier volume or check amplifier wattage against subwoofer's maximum power handling (250W). If using an external crossover, adjust settings. Inspect for loose screws or components inside the subwoofer if rattling is heard.
Insufficient bass output	Amplifier lacks sufficient power; Subwoofer placement; Built-in crossover not ideal for setup.	Ensure your amplifier provides adequate power. Experiment with subwoofer placement, including partial burial, to optimize bass. Consider using an external amplifier with an adjustable low-pass crossover for more precise control over bass frequencies.
Rattling noise	Loose internal components or enclosure parts.	Carefully inspect the subwoofer's enclosure and internal components for any loose screws or parts. Tighten as necessary.

SPECIFICATIONS

Feature	Specification
Brand	OSD Audio
Model Number	FORZA-8
Speaker Maximum Output Power	250 Watts
Frequency Response	50 Hz
Connectivity Technology	Speaker Wire
Audio Output Mode	Omni-directional
Mounting Type	Floor Standing
Enclosure Material	ABS Plastic
Speaker Type	Outdoor
Additional Features	360° Sound Dispersion
Subwoofer Diameter	8 Inches
Color	Antique Bronze
Is Waterproof	TRUE
Impedance	8 Ohms
Item Dimensions D x W x H	14"D x 14"W x 17"H
Item Weight	10.95 Pounds

WARRANTY AND SUPPORT

The OSD Audio FORZA-8 subwoofer comes with a 1-Year Limited Warranty. For warranty claims or technical support, please contact OSD Audio customer service. Keep your purchase receipt as proof of purchase.