

Monoprice 124457

Monolith Powered Subwoofer User Manual

Model: 124457

INTRODUCTION

Thank you for purchasing the Monolith 12 Inch Powered Subwoofer. This subwoofer is engineered to deliver exceptional bass performance for both professional studio environments and home theater systems. Featuring a 500 Watt amplifier and THX certification, it provides powerful, low-distortion audio that enhances any listening experience. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance and longevity of your subwoofer.

IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this device. Keep this manual for future reference.

- **Power Source:** Connect the subwoofer only to a power outlet of the type described in the operating instructions or as marked on the unit.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Water and Moisture:** Do not use this apparatus near water or moisture.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Grounding:** This product must be grounded.

WHAT'S IN THE Box

Carefully unpack the contents and ensure all items are present and in good condition.

- Monolith 12 Inch Powered Subwoofer
- Power Cord
- User Manual (this document)

PRODUCT OVERVIEW

The Monolith 12 Inch Powered Subwoofer is designed for optimal audio performance. Below are key components and features.

Front View



This image displays the front of the subwoofer, highlighting the prominent 12-inch woofer and the dual front-firing ports. The Monolith logo is visible on the speaker cone. The cabinet features a sleek black finish.

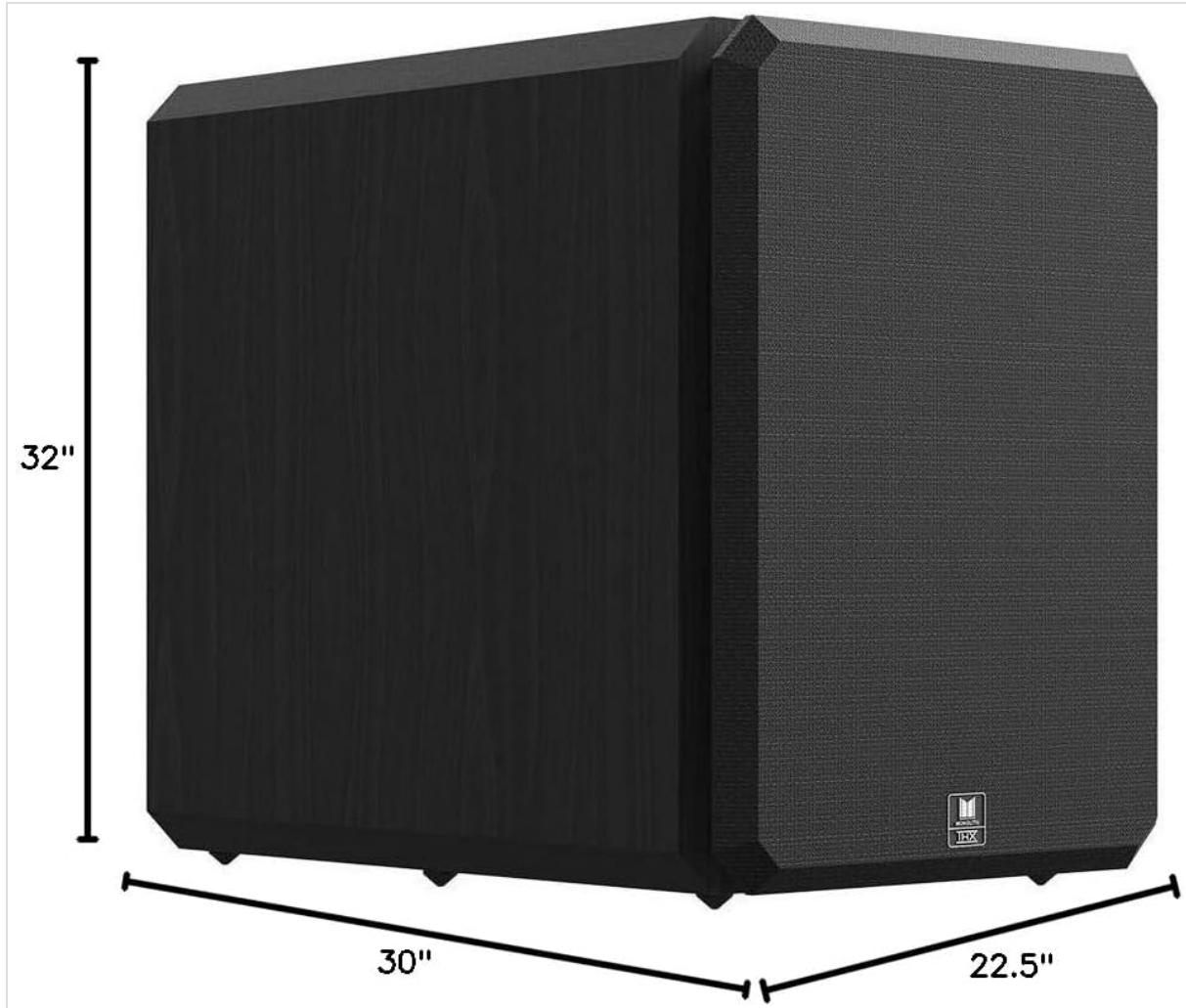
Rear Panel and Controls



The rear panel houses all the necessary connections and controls for the subwoofer. This includes inputs for audio signals, power input, and various adjustment knobs for fine-tuning the sound. Key controls typically include Crossover, Phase, and Level (volume).

- **Crossover Control:** Adjusts the upper frequency limit of the subwoofer.
- **Phase Switch:** Allows adjustment of the subwoofer's phase relative to the main speakers (0° or 180°).
- **Level Control:** Adjusts the overall volume output of the subwoofer.
- **LFE & Line Unbalanced Inputs:** RCA inputs for connecting to an AV receiver or pre-amplifier.
- **XLR Balanced Input/Pass-Thru:** Professional-grade balanced audio connections.
- **Power Input:** For connecting the included power cord.

Dimensions



This diagram illustrates the physical dimensions of the subwoofer, which are approximately 32 inches (D) x 22.5 inches (W) x 30 inches (H). Please ensure you have adequate space for placement.

SETUP

Proper setup is crucial for optimal performance. Follow these steps for initial installation.

Placement

- Room Acoustics:** Subwoofer placement significantly impacts sound quality. Experiment with different locations in your room. Corner placement often provides the most bass output, but can sometimes lead to boomy sound.
- Listening Position:** A common technique is the "subwoofer crawl," where you place the subwoofer in your primary listening position and then crawl around the room to find where the bass sounds best. That location is often the ideal spot for your subwoofer.
- Ventilation:** Ensure adequate space around the subwoofer for proper ventilation to prevent overheating.

Connections

Before making any connections, ensure the subwoofer and all connected audio equipment are turned off and unplugged from the power outlet.

1. Connect to AV Receiver/Processor:

- For most home theater setups, connect an RCA cable from the "SUBWOOFER OUT" or "LFE OUT" jack on your AV receiver/processor to the "LFE IN" (RCA) input on the subwoofer.

- If using balanced connections, connect an XLR cable from your processor's balanced output to the "XLR BALANCED INPUT" on the subwoofer.

2. Power Connection:

- Once audio connections are made, connect the included power cord to the subwoofer's power input and then to a grounded electrical outlet.

OPERATING THE SUBWOOFER

After setup, you can power on your subwoofer and begin fine-tuning its performance.

Initial Power On

1. Ensure all connections are secure.
2. Turn on your AV receiver/processor first, then turn on the subwoofer.
3. Set the subwoofer's Level control to its minimum setting initially.

Adjusting Controls

- **Level (Volume):** Gradually increase the Level control on the subwoofer until the bass output blends seamlessly with your main speakers. Avoid setting it too high, which can lead to boomy or distorted bass.
- **Crossover:**
 - If your AV receiver has a dedicated subwoofer output and bass management, set the subwoofer's crossover control to its highest setting (or "LFE" if available) and manage the crossover frequency through your receiver.
 - If connecting directly to a stereo amplifier without bass management, adjust the crossover frequency to blend with your main speakers. A good starting point is typically 80 Hz, but this may vary depending on your main speakers' low-frequency capabilities.
- **Phase:**
 - The phase control (0° or 180°) helps ensure the subwoofer's sound waves are in sync with your main speakers. Listen to music with strong bass and switch between 0° and 180°. Choose the setting that provides the most impactful and coherent bass.

Note: For THX certified performance, it is recommended to use an AV receiver with THX bass management and set the subwoofer's controls according to THX guidelines, typically with crossover set to LFE and phase at 0 degrees.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to wipe down the cabinet. Avoid using abrasive cleaners, waxes, or solvents, as they may damage the finish.
- **Dust:** Regularly dust the speaker cone and ports to prevent accumulation, which can affect sound quality.
- **Ventilation:** Ensure the ventilation openings on the amplifier panel are clear of obstructions to prevent overheating.
- **Storage:** If storing the subwoofer for an extended period, keep it in a cool, dry place, away from direct sunlight and extreme temperatures.

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">Power cord not connected or loose.Subwoofer not powered on.Input cable loose or faulty.Receiver's subwoofer output not enabled or volume too low.Subwoofer's Level control set too low.	<ul style="list-style-type: none">Check power cord connection and wall outlet.Ensure power switch is ON.Check RCA/XLR cable connections; try a different cable.Verify receiver settings (speaker size, subwoofer output).Increase the subwoofer's Level control.
Distorted or Boomy Bass	<ul style="list-style-type: none">Subwoofer Level set too high.Improper crossover setting.Poor room acoustics or placement.	<ul style="list-style-type: none">Decrease the subwoofer's Level control.Adjust crossover frequency for better blend with main speakers.Experiment with subwoofer placement in the room.
Weak or Muffled Bass	<ul style="list-style-type: none">Phase setting incorrect.Subwoofer Level too low.Crossover set too low.	<ul style="list-style-type: none">Toggle the Phase switch (0°/180°) to find the best setting.Increase the subwoofer's Level control.Increase the crossover frequency.
Humming or Buzzing Noise	<ul style="list-style-type: none">Ground loop issue.Faulty cable.Interference from other electronics.	<ul style="list-style-type: none">Try plugging the subwoofer into a different electrical outlet (preferably on a different circuit).Ensure all audio cables are securely connected and not damaged.Move the subwoofer or other electronic devices away from each other.

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

SPECIFICATIONS

Detailed technical specifications for the Monolith 12 Inch Powered Subwoofer.

Feature	Specification
Model Number	124457
Speaker Type	Powered Subwoofer
Woofer Diameter	12 Inches
Amplifier Power (RMS)	500 Watts
Amplifier Power (Peak)	1000 Watts
THX Certification	THX Ultra Certified

Feature	Specification
Connectivity Technology	RCA, XLR
Product Dimensions (D x W x H)	32"D x 22.5"W x 30"H
Item Weight	103 Pounds
Color	Black
UPC	889028055953

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Monoprice website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Monoprice Customer Support:

- Visit the [Monoprice Store on Amazon](#) for more information.
- Refer to the official Monoprice website for the most up-to-date support contact details.

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Related Documents

	<p>Monoprice Premium Home Theater 250 Watt Powered Subwoofer User Manual User manual for the Monoprice Premium Home Theater 250 Watt Powered Subwoofer. Includes safety warnings, features, connection guides, settings, troubleshooting, and specifications.</p>
	<p>Monoprice SW-12 12" 400-Watt Powered Subwoofer User's Manual User's manual for the Monoprice SW-12 12" 400-Watt Powered Subwoofer, including safety warnings, product overview, connection instructions, positioning advice, technical support, specifications, and regulatory compliance.</p>
	<p>Monoprice Black Friday & Cyber Monday Deals: Electronics, Audio, and More Explore Monoprice's Black Friday and Cyber Monday sales featuring a wide range of electronics, audio equipment, computer accessories, and smart home devices. Find deals on headphones, speakers, monitors, keyboards, and more.</p>



[Monoprice 25-Watt Stereo Hybrid Tube Amplifier User Manual](#)

User manual for the Monoprice 25-Watt Stereo Hybrid Tube Amplifier (Model 38360), detailing safety warnings, product overview, front and rear panel controls, connection instructions, Bluetooth pairing, technical specifications, and regulatory compliance information.