

## Monoprice 43158

# Monoprice Monolith T4 Tower Speaker User Manual

Model: 43158 | Brand: Monoprice

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## 1. PRODUCT OVERVIEW

The Monolith Audition series speakers are engineered to deliver high-quality audio performance for home theater systems. The T4 Tower Speaker features a 20mm silk dome tweeter integrated into a custom waveguide, alongside powerful woofers, to produce clear midrange and impactful bass. This design aims to provide an immersive listening experience for music, movies, and gaming.



Figure 1.1: Monolith T4 Tower Speaker with its protective grille installed, shown from an angled perspective.

## Key Features:

- **Tweeter Waveguide:** A 20mm silk dome tweeter is housed within a custom waveguide, designed for improved sound dispersion, a wider listening sweet spot, and enhanced stereo imaging.
- **Transparent Midrange and Punchy Bass:** Equipped with lightweight and rigid drivers, the woofers are engineered for clear midrange reproduction and dynamic, responsive bass.
- **Quality Cabinet Construction:** The speaker cabinet is constructed from sturdy MDF, finished with a premium vinyl wrap, and includes internal bracing to minimize unwanted resonances that could affect sound quality.
- **Connectivity:** Each Audition speaker includes dual 5-way binding posts for secure and straightforward audio cable connections.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in injury or damage to the product.

- **Placement:** Position speakers on a stable, level surface to prevent tipping. Keep away from edges where they could be knocked over.
- **Ventilation:** Ensure adequate airflow around the speakers. Do not block ventilation openings.
- **Moisture:** Do not expose the speakers to water, rain, or excessive humidity. This product is not waterproof.
- **Heat:** Keep speakers away from heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Power:** Connect speakers only to appropriate audio amplification equipment. Do not exceed the recommended power handling capacity.

- **Cleaning:** Disconnect from power before cleaning. Use a dry, soft cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 3. PACKAGE CONTENTS

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Please verify that all items listed below are present in your package:

- Monolith T4 Tower Speaker (1 unit)
- User Manual (this document)

### 4. SETUP

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#### 4.1 Speaker Placement

Proper speaker placement is crucial for optimal sound quality. Consider the following guidelines:

- **Stereo Setup:** For a stereo listening experience, place the left and right speakers equidistant from your primary listening position, forming an equilateral triangle.
- **Home Theater:** In a home theater setup, position the front left and right tower speakers to flank your television or projection screen. Ensure they are at a similar height to your ears when seated.
- **Distance from Walls:** Experiment with placing speakers a few inches to a few feet away from walls. Proximity to walls can affect bass response.
- **Toe-in:** Slightly angle the speakers inward towards the listening position (toe-in) to fine-tune imaging and soundstage.



Figure 4.1: Front view of the Monolith T4 Tower Speaker with the grille removed, revealing the tweeter and woofers.

## 4.2 Connecting the Speakers

The Monolith T4 Tower Speaker uses dual 5-way binding posts for connection to your amplifier or receiver.

1. **Prepare Speaker Wire:** Strip approximately 1/2 inch (1.25 cm) of insulation from the ends of your speaker wires. Twist the bare wire strands tightly.
2. **Connect to Speaker:** Unscrew the binding post caps on the back of the speaker. Insert the bare wire into the hole in the post. Ensure the positive (+) terminal on the speaker (red) connects to the positive (+) terminal on your amplifier, and the negative (-) terminal on the speaker (black) connects to the negative (-) terminal on your amplifier. Tighten the caps securely.
3. **Connect to Amplifier/Receiver:** Repeat the process for connecting the other end of the speaker wire to the corresponding speaker output terminals on your amplifier or receiver.
4. **Bi-wiring/Bi-amping (Optional):** The dual binding posts allow for bi-wiring or bi-amping. If not bi-wiring/bi-amping, ensure the metal jumpers connecting the upper and lower binding posts are in place.



Figure 4.2: Rear view of the Monolith T4 Tower Speaker, highlighting the dual 5-way binding posts for audio connections and the bass port.

## 5. OPERATING

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Once properly connected, operating your Monolith T4 Tower Speakers involves controlling your amplifier or receiver.

- **Power On:** Turn on your amplifier or receiver.
- **Source Selection:** Select the desired audio source (e.g., CD player, streaming device, TV).
- **Volume Control:** Start with a low volume level and gradually increase it to a comfortable listening level. Avoid excessively high volumes to prevent speaker damage.
- **Break-in Period:** Speakers typically benefit from a break-in period of several hours of normal use. During this time, the drivers will loosen up, and the sound quality may improve.

## 6. MAINTENANCE

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Regular maintenance helps preserve the appearance and performance of your speakers.

- **Cleaning the Cabinet:** Use a soft, dry, lint-free cloth to wipe down the speaker cabinet. For stubborn marks, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid abrasive cleaners or solvents.

- **Cleaning the Grille:** The speaker grille can be gently vacuumed with a brush attachment to remove dust. If the grille is removable, it can be carefully hand-washed with mild soap and water, then allowed to air dry completely before reattaching.
- **Driver Care:** Avoid touching the speaker drivers (tweeter and woofers) directly, as this can cause damage.
- **Environmental Conditions:** Store and operate speakers in a climate-controlled environment, away from extreme temperatures and humidity.

## 7. TROUBLESHOOTING

If you experience issues with your Monolith T4 Tower Speakers, consult the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers.	<ul style="list-style-type: none"> <li>• Amplifier/receiver not powered on.</li> <li>• Incorrect source selected on amplifier/receiver.</li> <li>• Speaker wires incorrectly connected or loose.</li> <li>• Volume turned down.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure amplifier/receiver is powered on.</li> <li>• Select the correct input source.</li> <li>• Check all speaker wire connections at both the speaker and amplifier. Ensure correct polarity (+ to + and - to -).</li> <li>• Increase volume gradually.</li> </ul>
Distorted or unclear sound.	<ul style="list-style-type: none"> <li>• Volume too high, overdriving speakers.</li> <li>• Loose speaker wire connections.</li> <li>• Poor quality audio source.</li> <li>• Damaged speaker driver.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce volume.</li> <li>• Check speaker wire connections.</li> <li>• Test with a different audio source.</li> <li>• If distortion persists, contact customer support.</li> </ul>
One speaker not working.	<ul style="list-style-type: none"> <li>• Loose or incorrect wiring for that speaker.</li> <li>• Balance control on amplifier/receiver is off-center.</li> <li>• Faulty speaker or amplifier channel.</li> </ul>	<ul style="list-style-type: none"> <li>• Verify wiring for the non-working speaker.</li> <li>• Check amplifier/receiver balance settings.</li> <li>• Swap speaker connections (left to right) at the amplifier to determine if the issue is with the speaker or the amplifier channel.</li> </ul>

## 8. SPECIFICATIONS

Detailed technical specifications for the Monolith T4 Tower Speaker:

<b>Model Number</b>	43158
<b>Brand</b>	Monoprice
<b>Speaker Type</b>	Tower
<b>Mounting Type</b>	Floor Standing
<b>Speaker Maximum Output Power</b>	600 Watts

<b>Connectivity Technology</b>	Wired
<b>Audio Output Mode</b>	Stereo, Surround Sound
<b>Tweeter Diameter</b>	20 Millimeters
<b>Woofers Diameter</b>	4 Inches
<b>Enclosure Material</b>	MDF (Medium-Density Fiberboard) with Polypropylene finish
<b>Color</b>	Black PVC
<b>Specific Uses For Product</b>	Home Theatre
<b>Is Waterproof</b>	No
<b>UPC</b>	889028173619



Figure 8.1: Exploded view illustrating the internal components of the Monolith T4 Tower Speaker, including drivers, crossover, and port.

## 9. WARRANTY AND SUPPORT

## 9.1 Warranty Information

The Monolith T4 Tower Speaker is covered by a **3-year limited warranty** 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, modification, unauthorized repair, or acts of nature. Please retain your proof of purchase for warranty claims.

## 9.2 Customer Support

For technical assistance, warranty service, or general inquiries, please contact Monoprice customer support. Visit the official Monoprice website for contact details and support resources.

**Online Support:** [www.monoprice.com/support](http://www.monoprice.com/support)