Mackie Thump15A

Mackie Thump15A 1300W 15-inch Powered Loudspeaker User Manual

Model: Thump15A

1. Introduction

This manual provides essential information for the safe and effective operation of your Mackie Thump15A 1300W 15-inch Powered Loudspeaker. Please read this manual thoroughly before using the product to ensure proper setup, operation, and maintenance. Retain this manual for future reference.



Image 1.1: Front-side view of the Mackie Thump15A Powered Loudspeaker.

2. Safety Information

Always observe the following safety precautions to reduce the risk of electric shock, fire, or injury:

- **Power Source:** Connect the loudspeaker only to a power supply of the type described in this manual and marked on the unit.
- **Grounding:** Ensure the power cord is properly grounded to prevent electric shock.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cables:** Protect power cords from being walked on or pinched. Do not use damaged power cords.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Mounting:** When mounting on speaker stands, ensure the stand is stable and capable of supporting the

loudspeaker's weight. Use caution when adjusting height.

3. Package Contents

Verify that all items are present in your package:

- Mackie Thump15A 1300W 15-inch Powered Loudspeaker (2 units)
- Speaker Stand (2 units)
- EMB Microphone (1 unit)
- EMB XLR Cable (2 units)
- Power Cords (2 units)
- This User Manual



Image 3.1: Included EMB Microphone and XLR Cable.

4. Product Overview

The Mackie Thump15A is a 1300W 15-inch powered loudspeaker designed for live sound and mobile applications. It features an all-new amplifier design with Dynamic Bass Response for enhanced low-end performance. The flexible built-in 2-channel mixer includes Vita preamps with Wide-Z technology, accommodating mic, instrument, or line-level signals. Application-specific speaker modes allow for quick optimization of the system for various uses.

Key Features:

- 1300W peak power output
- 15-inch high-output woofer
- 1.4-inch titanium dome compression driver
- Dynamic Bass Response technology
- Built-in 2-channel mixer with Vita preamps and Wide-Z technology
- Four application-specific speaker modes
- Robust professional enclosure

5. Setup

Follow these steps to set up your Thump15A loudspeakers:

1. **Placement:** Position the loudspeakers on a stable, flat surface or securely mount them on the included speaker stands. Ensure the stands are fully extended and locked into place for stability.
2. **Power Connection:** Ensure the loudspeaker's power switch is in the OFF position. Connect the power cord to the AC inlet on the rear panel of the loudspeaker, then plug the other end into a grounded AC outlet.
3. **Audio Connections:** Connect your audio source (mixer, DJ controller, microphone, etc.) to the input channels (CH1 or CH2) on the rear panel using XLR cables. The Thump15A features combo jacks that accept both XLR and 1/4-inch TRS/TS connectors.
4. **Linking Loudspeakers (Optional):** To connect multiple Thump15A loudspeakers, use an XLR cable from the MIX OUT of the first loudspeaker to an input on the second loudspeaker.
5. **Initial Power-Up:** Turn on your audio source first, then turn on the Thump15A loudspeakers. Set the main volume control to its minimum position before powering on.



Image 5.1: Rear panel of the Mackie Thump15A, showing inputs, outputs, and controls.

6. Operating Instructions

Once set up, follow these guidelines for operation:

1. **Volume Adjustment:** Gradually increase the main volume control to the desired listening level. Adjust individual channel gains as needed.
2. **Speaker Modes:** Use the SPEAKER MODE button on the rear panel to select one of the four available modes (e.g., Music, Live, Monitor, Sub). These modes optimize the loudspeaker's frequency response for different applications.
3. **Input Types:** The Vita preamps with Wide-Z technology automatically detect and adjust for mic, instrument, or line-level signals connected to CH1 and CH2.
4. **Microphone Use:** When using the included EMB microphone, connect it to either CH1 or CH2. Adjust the channel gain to achieve a clear signal without distortion.
5. **Power Down:** Before disconnecting power, turn off the Thump15A loudspeakers first, then power down your audio source.

7. Maintenance

Proper maintenance ensures the longevity and performance of your Thump15A loudspeakers:

- **Cleaning:** Clean the exterior of the loudspeaker with a soft, dry cloth. Do not use abrasive cleaners, solvents, or waxes. Ensure no liquids enter the enclosure.
- **Ventilation:** Regularly check that the ventilation openings are free from dust and debris.
- **Storage:** When not in use, store the loudspeakers in a dry, cool environment, protected from extreme temperatures and direct sunlight.
- **Cables:** Inspect all cables (power, XLR) regularly for signs of wear or damage. Replace damaged cables immediately.
- **Grille:** Keep the front grille free of obstructions to ensure optimal sound projection.

8. Troubleshooting

If you encounter issues with your Thump15A loudspeaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord disconnected; outlet not active; power switch off	Check power cord connections; test outlet; ensure power switch is ON
No sound output	Volume too low; input cable disconnected; incorrect speaker mode; audio source issue	Increase volume; check input cables; select appropriate speaker mode; verify audio source is working
Distorted sound	Input level too high; loudspeaker overloaded; damaged cable	Reduce input gain; lower main volume; replace suspect cables

Problem	Possible Cause	Solution
Hum or buzz	Ground loop; faulty cable; interference	Ensure all equipment is on the same electrical circuit; try different cables; move away from power transformers or dimmers

9. Specifications

Technical specifications for the Mackie Thump15A Powered Loudspeaker:

- **Speaker Type:** 15-inch 2-way powered loudspeaker
- **Power Output:** 1300 Watts (Peak)
- **Woofer:** 15-inch high-output woofer
- **HF Driver:** 1.4-inch titanium compression driver
- **Frequency Response:** 32 Hz – 23 kHz
- **Connectivity:** XLR (combo inputs), XLR (mix out)
- **Input Channels:** 2 (with Vita preamps and Wide-Z technology)
- **Speaker Modes:** 4 application-specific modes
- **Dimensions (H x W x D):** 27.4 inches x 17.3 inches x 14 inches (69.6 cm x 43.9 cm x 35.6 cm)
- **Weight:** 56 pounds (25.4 kg)
- **Enclosure Material:** Robust composite
- **Color:** Black
- **Power Source:** Corded Electric



Image 9.1: Mackie Thump15A loudspeaker with key dimensions.

10. Warranty and Support

Your Mackie Thump15A Powered Loudspeaker comes with a Limited or Full Warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Mackie website.

For technical support, service, or replacement parts, please contact Mackie customer support. You can find

contact information and additional resources on the official Mackie website or through your authorized dealer.

Manufacturer: Mackie

Model Number: Thump15A

Date First Available: October 27, 2010

For more information, visit the Mackie Store on Amazon.

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