**Mackie Thump 15A**

# Mackie Thump 15A Powered Loudspeaker User Manual

Model: Thump 15A (2048071-00)

## 1. Introduction

This manual provides essential information for the safe and effective use of your Mackie Thump 15A Powered Loudspeaker. Please read this manual thoroughly before operating the unit to ensure proper setup, optimal performance, and to prevent damage.
The Mackie Thump 15A is a 15-inch powered loudspeaker designed for live sound and stage applications. It features a robust cabinet, integrated 3-channel mixer, 3-band EQ per channel, and advanced DSP for enhanced audio performance.

## 2. Important Safety Information

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury.

- **Power Source:** Connect the unit only to a power supply of the type described in this manual or marked on the unit.
- **Grounding:** Ensure the power cord is connected to an outlet with a protective grounding connection.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Servicing:** 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.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use caution when setting volume levels.

## 3. Setup

### 3.1 Unpacking

Carefully remove the Thump 15A loudspeaker from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. Retain the original packaging for future transport or storage.

### 3.2 Physical Placement

The Thump 15A is designed for floor standing applications. Ensure the loudspeaker is placed on a stable, level surface. For optimal sound dispersion, consider the acoustics of your environment.





Figure 3.2.1: Front view of the Mackie Thump 15A Powered Loudspeaker. This image displays the speaker's robust black cabinet, perforated metal grille protecting the drivers, and integrated side handles for portability. The Mackie logo is visible at the bottom center of the grille.

### 3.3 Connections

The Thump 15A features a built-in 2-channel mixer with Vita preamps and Wide-Z technology, accommodating various input sources.

- **Audio Input:** Connect your microphone or instrument using XLR or 1/4 inch cables to the input channels.
- **Power:** Connect the provided corded electric power cable to the AC inlet on the rear panel of the loudspeaker and then to a suitable power outlet.
- **Linking (Optional):** For stereo operation or to expand your sound system, use an XLR cable to link multiple Thump loudspeakers. Refer to the operating section for details on configuring linked systems.

### 3.4 Initial Power-Up

Once all connections are secure, switch on the power button located on the rear panel. The power indicator LED on the front of the speaker will illuminate.

## 4. Operating Instructions

### 4.1 Mixer Controls

The integrated 3-channel mixer provides control over your audio sources:

- **Input Gain:** Adjust the gain for each input channel to achieve optimal signal levels without clipping.
- **3-Band EQ:** Use the equalizer controls (High, Mid, Low) for each channel to shape the tone of your audio.
- **Master Volume:** Control the overall output level of the loudspeaker.

### 4.2 App-Specific Speaker Modes and DSP

The Thump 15A features advanced Digital Signal Processing (DSP) with app-specific speaker modes. These modes optimize the loudspeaker's performance for various applications (e.g., music playback, speech, live band). Select the appropriate mode via the controls on the unit or through the Thump Connect app for enhanced sound quality tailored to your use case.

### 4.3 Wireless Control and Streaming

The Thump 15A supports wireless connectivity. Utilize the Thump Connect app on your compatible device to

remotely control mixer functions, adjust EQ settings, recall user presets, and stream audio wirelessly to the loudspeaker. Ensure your device is paired with the Thump 15A according to the app's instructions.

### 4.4 Dynamic Bass Response and Amplification

The loudspeaker incorporates Class D amplification with Mackie's patented Dynamic Bass Response technology. This ensures powerful low-end performance and efficient power delivery to the high-performance woofer and 1.4-inch titanium dome compression driver. The system includes next-generation protection and thermal limiting to maintain peak performance under demanding conditions.

## 5. Maintenance

### 5.1 Cleaning

To clean the loudspeaker, use a soft, dry cloth. Do not use liquid cleaners or aerosols, as these may damage the finish or internal components. Ensure the unit is powered off and unplugged before cleaning.

### 5.2 Storage

When not in use for extended periods, store the Thump 15A in a cool, dry place, away from direct sunlight and extreme temperatures. If possible, use the original packaging to protect the unit from dust and physical damage.

## 6. Troubleshooting

This section addresses common issues you might encounter with your Thump 15A loudspeaker.

| Problem | Possible Cause | Solution |
|---|---|---|
| No power | Power cable not connected; Power outlet faulty; Unit fuse blown | Check power cable connection; Test power outlet with another device; Contact qualified service personnel for fuse replacement. |
| No sound output | Input cables not connected; Input gain too low; Master volume too low; Mute engaged; Faulty input source | Verify all input cables are securely connected; Increase input gain and master volume; Check for any mute functions; Test with a different audio source. |
| Distorted sound | Input gain too high; EQ settings incorrect; Overloaded input source | Reduce input gain to prevent clipping; Adjust EQ settings; Ensure the input source is not sending an excessively hot signal. |
| Wireless connection issues | Bluetooth not enabled; Device out of range; Interference | Ensure Bluetooth is active on your device and the Thump 15A; Move device closer to the speaker; Minimize other wireless devices nearby. |

If the problem persists after attempting these solutions, please contact Mackie customer support or a qualified service technician.

## 7. Specifications

| Feature | Detail |
|---|---|
| Model | Thump 15A |

| Feature | Detail |
| --- | --- |
| Item Model Number | 2048071-00 |
| UPC | 663961052084 |
| Mounting Type | Floor Standing |
| Power Source | Corded Electric |
| Connector Type | XLR |
| Number of Channels | 3 (mixer) |
| Audio Input | XLR, 1/4 inch |
| Product Dimensions (L x W x H) | 30 x 20 x 17 inches |
| Item Weight | 41.9 pounds |
| Connectivity Technology | Wireless |
| Color | Black |
| Compatible Devices | Microphone, Instrument |
| Amplification | Class D with Dynamic Bass Response |
| Woofer Size | 15 inches |
| High-Frequency Driver | 1.4 inch Titanium Dome |

## 8. Warranty and Support

### 8.1 Warranty Information

Mackie products are covered by a limited warranty. For specific warranty terms and conditions applicable to your Thump 15A loudspeaker, please refer to the warranty card included with your product or visit the official Mackie website. Keep your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Mackie customer support. Contact information can typically be found on the Mackie website or in the documentation provided with your product.

- **Online Support:** Visit the official Mackie website for FAQs, support articles, and software downloads.
- **Contact:** Refer to the Mackie website for phone numbers or email contacts for your region.