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Mackie Thump212

Mackie Thump212 1400W 12" Powered PA Loudspeaker System User Manual

Model: Thump212

Introduction

This manual provides essential information for the safe and effective operation of your Mackie Thump212 1400W 12" Powered PA Loudspeaker System. This bundle includes two Thump212 loudspeakers, two Auray SS-47S-PB steel speaker stands, a carrying case for the stands, and two 20-foot XLR-XLR cables. Please read this manual thoroughly before setup and operation to ensure optimal performance and longevity of your equipment.

Safety Information

Always observe the following safety precautions to prevent electric shock, fire, or injury:

- **Power Source:** Connect the unit only to the specified power supply voltage.
- **Grounding:** Ensure the power cord is properly grounded to prevent electrical shock.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the loudspeakers.
- **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 apparatus that produce heat.
- **Cables:** Protect power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to service this product yourself.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use caution when operating at high volumes.

Package Contents

Verify that all items listed below are included in your package:

- Two (2) Mackie Thump212 12" Powered PA Loudspeakers
- Two (2) Auray SS-47S-PB Steel Speaker Stands
- One (1) Auray Speaker Stand Carrying Case
- Two (2) 20-foot XLR-XLR Cables
- Two (2) AC Power Cords

- This User Manual



Image: Overview of the Mackie Thump212 PA Loudspeaker System bundle, showing two loudspeakers, two speaker stands, a carrying case, and two XLR cables.

Setup

1. Unpacking and Inspection

Carefully remove all components from their packaging. Inspect each item for any signs of damage that may have occurred during shipping. If any damage is found, contact your dealer immediately.

2. Setting Up Speaker Stands

1. Remove the Auray SS-47S-PB speaker stands from their carrying case.
2. Extend the legs of each stand fully to create a stable base. Ensure the locking mechanisms are securely engaged.

3. Adjust the height of the stand to your desired level, ensuring the locking pin is inserted and the tension knob is tightened.



Image: Two Auray SS-47S-PB steel speaker stands shown alongside their black carrying case.

3. Mounting Loudspeakers

1. Carefully lift one Mackie Thump212 loudspeaker and place it onto the pole of a speaker stand. Ensure it is seated firmly and securely.
2. Repeat for the second loudspeaker.
3. Alternatively, the Thump212 can be used as a floor monitor. Place the speaker on a flat, stable surface in the desired monitor position.



Image: A single Mackie Thump212 loudspeaker shown from a front-angle perspective, highlighting its grille and side handles.



Image: A Mackie Thump212 loudspeaker positioned on its side, demonstrating its use as a floor monitor.

4. Connecting Power

1. Ensure the power switch on the rear panel of each Thump212 loudspeaker is in the OFF position.
2. Connect one end of the supplied AC power cord to the AC input on the rear of each loudspeaker.
3. Plug the other end of the power cord into a grounded electrical outlet.

5. Connecting Audio Sources

The Thump212 features versatile input options on its rear panel.



Image: The rear panel of the Mackie Thump212 loudspeaker, showing the input jacks, controls, and power connection.

- **Channel 1 (CH1):** This input is suitable for microphones or line-level signals. Use one of the supplied 20-foot XLR-XLR cables to connect your microphone or mixer output to this input.
- **Channel 2 (CH2):** This input is designed for line-level signals, such as from a mixer, instrument, or audio player.
- **Main Input:** This input can be used for a primary line-level source.
- **Thru Output:** This XLR output allows you to send the mixed signal from the Thump212 to another Thump loudspeaker or a different PA system.



Image: A coiled 20-foot XLR-XLR cable, used for connecting audio sources to the loudspeakers.

Operating Instructions

1. Powering On/Off

After all connections are made, turn on your audio source (mixer, instrument, etc.) first, then power on the Thump212 loudspeakers using the power switch on the rear panel. When powering off, turn off the loudspeakers first, then your audio source.

2. Input Level Control

Each input channel (CH1, CH2, Main) has its own gain control. Adjust these knobs to achieve an optimal input level without clipping. The Thump212 features built-in limiters to protect the system from excessive input levels, indicated by a red LED.

3. Music Ducking

The Thump212 includes a Music Ducking feature for the microphone input (CH1). When enabled, this feature automatically lowers the volume of background music when a signal is detected on the microphone input, making vocals clearer. Refer to the rear panel controls for activation.

4. System Protection

The integrated limiters prevent damage to the loudspeakers by automatically reducing the signal level when it becomes too high. While this protects the system, it's best to operate within appropriate gain staging to avoid frequent limiting.

Maintenance

1. Cleaning

Clean the exterior of the loudspeakers and stands with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents. Avoid spraying liquids directly onto the unit.

2. Storage

When not in use, store the loudspeakers and stands in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided carrying case for the speaker stands to protect them during transport and storage.

3. Cable Care

Properly coil and store XLR cables after each use to prevent kinks and damage. Avoid stepping on cables or placing heavy objects on them.

Troubleshooting

Problem	Possible Cause	Solution
No Sound	Power cord not connected or outlet not active. Loudspeaker power switch is OFF. Input source (mixer, mic) is not sending signal. Volume controls are turned down. Faulty XLR cable.	Check power connections and outlet. Turn the loudspeaker power switch ON. Verify the input source is active and sending signal. Increase volume controls on the loudspeaker and source. Test with a known good XLR cable.
Distorted Sound	Input signal is too high (clipping). Loudspeaker volume is too high. Faulty cable or connection.	Reduce input gain on the source or loudspeaker. Lower the loudspeaker's master volume. Check all cables and connections for damage.
Hum or Buzz	Ground loop issue. Unshielded cables or interference.	Ensure all equipment is on the same electrical circuit. Use balanced XLR cables. Try a ground lift adapter (use with caution).

Specifications

Feature	Description

Feature	Description
Brand	Mackie
Model	Thump212
Power Output	1400W Peak
Speaker Size	12 inches
Connectivity Technology	XLR (Mic/Line), 3.5mm TRS aux (as per product spec, though primary inputs are XLR)
Color	Black
Compatible Devices	Audio Player, Instrument, Microphone
Mounting Type	Floor Standing (Pole Mountable)
Key Features	Portable PA, Mic and Line Inputs, Built-In Limiters, Music Ducking for Microphone Input, Includes Power Cord

Warranty and Support

For warranty information, technical support, or service inquiries, please visit the official Mackie website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.
Mackie Official Website: www.mackie.com

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