

LD Systems LDMAUI28G2

LD Systems MAUI 28 G2 Speaker System User Manual

Model: LDMAUI28G2

1. INTRODUCTION

The LD Systems MAUI 28 G2 is an all-in-one column speaker system designed for professional PA and monitor applications. This system delivers high performance with a lightweight design, featuring 2000 watts Peak Class D power. It offers powerful bass reproduction from its 2 x 8-inch woofers, a balanced mid-range from 16 x 3-inch full-range speakers, and precise, silky highs from 2 x 1-inch tweeters. The array configuration ensures wide and homogeneous sound coverage, optimized by BEM wave technology. Distortion-free sound, even at maximum volume, is maintained by LD Systems DynX DSP technology. The integrated 4-channel mixer with stereo Bluetooth audio streaming provides comprehensive control. Its two-piece column design allows for compact transport, and secure plug-and-play connection is provided by wireless multipin technology.

2. SAFETY INSTRUCTIONS

Please read and follow these safety instructions carefully to ensure safe operation and to prevent damage to the device or injury.

- **Read Manual:** Always read this user manual thoroughly before operating the device.
- **Retain Manual:** Keep this manual for future reference.
- **Avoid Moisture:** Do not expose the device to rain, moisture, or any liquids.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Power Source:** Connect the device only to a power outlet with the correct voltage and grounding as specified.
- **Cables:** Protect power cords from being walked on or pinched.
- **Accessories:** Use only attachments and accessories specified by the manufacturer.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to repair the device

yourself.

- **Placement:** Place the speaker system on a stable, level surface to prevent tipping.

3. PACKAGE CONTENTS

Carefully unpack your LD Systems MAUI 28 G2 system and ensure all components are present and undamaged:

- LD Systems MAUI 28 G2 Subwoofer
- LD Systems MAUI 28 G2 Column Speaker (two sections)
- AC Power Cable
- User Manual (this document)



Image: The MAUI 28 G2 subwoofer unit shown alongside the two detachable column speaker sections, ready for assembly or transport.

4. SETUP

Follow these steps to set up your MAUI 28 G2 speaker system:

1. **Unpack Components:** Carefully remove all components from their packaging.
2. **Position Subwoofer:** Place the subwoofer unit on a stable, level surface in your desired location.
3. **Assemble Column:** Connect the lower column section to the subwoofer. Align the multipin connectors and gently push down until it clicks securely into place.
4. **Attach Upper Column:** Connect the upper column section to the lower column section, ensuring a firm and secure connection.
5. **Connect Power:** Insert the AC power cable into the power input on the subwoofer's rear panel, then plug the other end into a suitable grounded power outlet.
6. **Initial Audio Connections:** For audio input, use the integrated 4-channel mixer. Connect your audio sources via Bluetooth, AUX, RCA, or XLR inputs as required.



Image: The LD Systems MAUI 28 G2 speaker system fully assembled, showing the subwoofer base and the two-part column speaker.



Image: The MAUI 28 G2 speaker system assembled, viewed from a slightly different angle, highlighting its sleek design.

5. OPERATING INSTRUCTIONS

This section details how to operate your MAUI 28 G2 speaker system.

5.1 Power On/Off

Locate the power switch on the rear panel of the subwoofer. Flip the switch to the 'ON' position. The system will initialize, and the 'ON' indicator LED will illuminate. To power off, flip the switch to 'OFF'.

5.2 Volume Control

The subwoofer's control panel features 'SUB LEVEL' and 'MAIN LEVEL' knobs. Adjust 'MAIN LEVEL' for overall system volume and 'SUB LEVEL' to control the bass intensity from the subwoofer.



Image: A detailed view of the MAUI 28 G2 control panel, showing the 'SUB LEVEL' and 'MAIN LEVEL' knobs, along with system status indicator LEDs.

5.3 Bluetooth Pairing

1. Activate Bluetooth on your audio device (e.g., smartphone, tablet).
2. On the MAUI 28 G2 control panel, press and hold the 'HOLD TO LINK' button until the Bluetooth indicator LED begins to flash.
3. On your audio device, search for Bluetooth devices and select 'LD Systems MAUI 28 G2' from the list.
4. Once successfully paired, the Bluetooth indicator LED on the MAUI 28 G2 will glow steadily.
5. Adjust the 'MP3/BLUETOOTH LEVEL' knob to control the volume of the Bluetooth audio source.

5.4 Wired Inputs

The MAUI 28 G2 features a versatile 4-channel mixer:

- **MIC IN (XLR):** Connect microphones using XLR cables. Adjust the 'MIC LEVEL' knob.
- **LINE IN (XLR or RCA):** Connect line-level audio sources such as mixers, keyboards, or media players. Adjust the 'LINE LEVEL' knob.
- **HI-Z:** Connect high-impedance instruments like guitars or basses directly. Adjust the 'HI-Z LEVEL' knob.
- **MP3/BLUETOOTH:** In addition to Bluetooth, this input can also be used for wired MP3 players. Adjust the 'MP3/BLUETOOTH LEVEL' knob.



Image: A close-up view of the MAUI 28 G2's input/output panel, showing various connections for microphones, line-level devices, instruments, and Bluetooth pairing controls.

5.5 System Status Indicators

Monitor the LEDs on the control panel for system status:

- **ON:** Indicates the system is powered on.
- **SIGNAL:** Illuminates when an audio signal is present.
- **LIMIT:** Indicates that the internal limiter is active to prevent distortion. Reduce input or main volume if this LED is constantly lit.
- **PROTECT:** Indicates the system is in protection mode due to overheating or other issues.

5.6 Stereo Operation

The MAUI 28 G2 supports stereo audio streaming via Bluetooth. For a true stereo setup with two MAUI 28 G2 units, connect the 'SYSTEM OUT' of the first unit to the 'LINE IN' of the second unit. Refer to the detailed stereo setup guide on the manufacturer's website for more information.



Image: The MAUI 28 G2 speaker system positioned on a stage, providing sound reinforcement for musicians during a performance.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MAUI 28 G2 system.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the surfaces of the speaker system. Do not use liquid cleaners, abrasive materials, or solvents, as these can damage the finish and internal components.
- **Storage:** When not in use for extended periods, store the system in a dry, dust-free environment. It is recommended to use the original packaging or protective covers.
- **Transportation:** For safe and compact transportation, disassemble the column sections from the subwoofer. Ensure all cables are properly coiled and secured.
- **Inspection:** Periodically check all cables and connectors for signs of wear or damage. Replace any damaged components immediately.

7. TROUBLESHOOTING

If you encounter issues with your MAUI 28 G2, refer to the following common problems and solutions:

- **No Sound:**
 - Ensure the power cable is securely connected and the power switch is 'ON'.
 - Verify that all audio input cables are correctly connected and undamaged.
 - Check the 'MAIN LEVEL' and individual channel level knobs are turned up.
 - If using Bluetooth, confirm successful pairing and that the 'MP3/BLUETOOTH LEVEL' is adjusted.
- **Distorted Sound:**
 - Reduce the input level from your audio source.

- Lower the 'MAIN LEVEL' or individual channel levels on the mixer.
 - Check if the 'LIMIT' LED is constantly lit; if so, reduce volume to prevent clipping.
 - Inspect audio cables for damage or improper connection.
- **Bluetooth Pairing Issues:**
 - Ensure no other device is currently paired with the MAUI 28 G2.
 - Move your Bluetooth device closer to the speaker system.
 - Try restarting Bluetooth on both your device and the MAUI 28 G2.
- **System Protection Mode ('PROTECT' LED lit):**
 - This indicates the system has detected an issue, possibly overheating or an electrical fault.
 - Turn off the system immediately, disconnect power, and allow it to cool down for at least 30 minutes.
 - Check for any obstructions to ventilation.
 - If the issue persists after restarting, contact qualified service personnel.

8. SPECIFICATIONS

Model Number	LDMAUI28G2
Brand	LD Systems
Power Output	1000 Watts (RMS), 2000 Watts (Peak Class D)
Number of Channels	4
Connectivity Technology	Wired & Wireless; Bluetooth
Audio Inputs	Bluetooth, AUX, RCA, XLR
Material	Wood
Color	Black
Power Source	Cable eléctrico (AC Power Cable)
Compatible Devices	Laptop, Smartphone
Recommended Uses	Concerts, conferences, events, indoor use
Package Dimensions	34 x 22 x 19 cm
Package Weight	29 kg
First Available	31 January 2017

9. WARRANTY & SUPPORT

For detailed warranty information, technical support, or service inquiries regarding your LD Systems MAUI 28 G2 speaker system, please refer to the official LD Systems website or contact your local authorized dealer.

You can also visit the official LD Systems store on Amazon for additional resources and product information:

[LD Systems Amazon Store](#)