



# LD MAUI<sup>®</sup> 44 & 66 G3

## CARDIOID COLUMN PA SYSTEM

LDMAUI66G3W; LDMAUI44G3W; LDMAUI66G3; LDMAUI44G3

### 1 INTRODUCTION

#### 1.1 YOU MADE THE RIGHT CHOICE!

This product has been developed and manufactured to the highest quality standards to ensure many years of problem-free operation. Find further information about LD Systems on our website: <https://www.ld-systems.com/>

#### 1.2 READ THE COMPLETE DOCUMENTATION

This document is an abridged version of the documentation. Follow the QR code to the complete user manual.



MAUI 44 G3



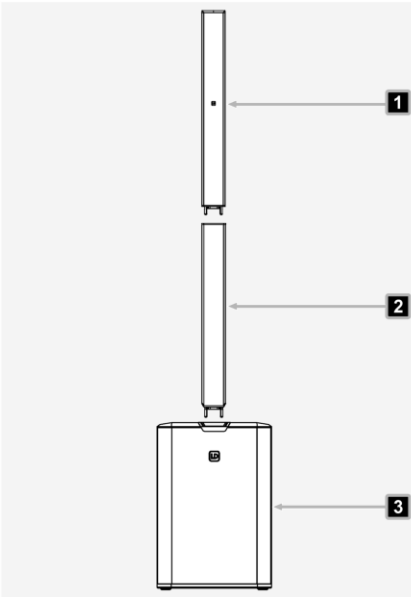
MAUI 66 G3

#### 1.3 SCOPE OF DELIVERY

| Item Description              | Quantity |
|-------------------------------|----------|
| Device                        | 1        |
| Mains power cable             | 1        |
| Safety Compliance Information | 1        |
| Quick Start Guide             | 1        |

### 2 ASSEMBLY

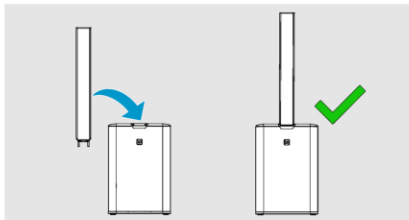
#### 2.1 COMPONENT OVERVIEW



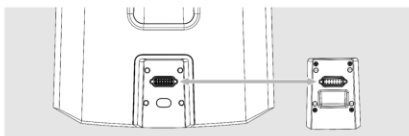
- 1** Upper array column with 6 × 3.5" speakers, tweeter, and multipin connector on the bottom
- 2** Lower array column with 6 × 3.5" speakers, top and bottom 14-pin connectors.
- 3** Subwoofer with integrated electronics

## 2.2 ASSEMBLING THE DEVICE

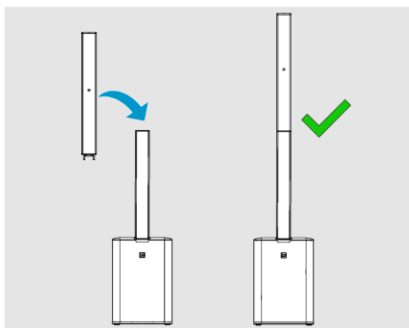
- 1 Connect the lower array column to the subwoofer by inserting the steel pins of the lower array column into the corresponding steel pin holes on the subwoofer.
- 2 Make sure both components connect properly.



⇒ The 14-pin connectors of the lower array column and the subwoofer are electrically connected.



- 3 Connect the upper array column to the lower array column by inserting the steel pins of the upper array column into the corresponding steel pin holes on the lower array column.

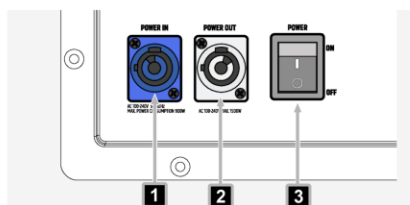


⇒ The 14-pin connectors of the upper and lower array column are electrically connected.



## 3 POWER SUPPLY

### 3.1 POWER CONNECTIONS



- 1 **POWER IN** - DC power input and device supply
- 2 **POWER OUT** - DC pass-through output
- 3 **POWER** - On/off switch

### 3.2 CONNECTING A MAINS POWER CABLE



**WARNING**

#### Mains voltage

Risk of electric shock

- a. Do not use kinked or damaged mains power cables.



**NOTICE**

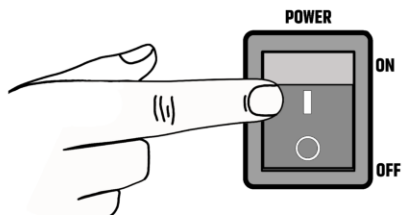
#### Damage to the device

- a. Make sure that the voltage of the mains power socket matches the device operating voltage.
- b. Do not plug the device under load.

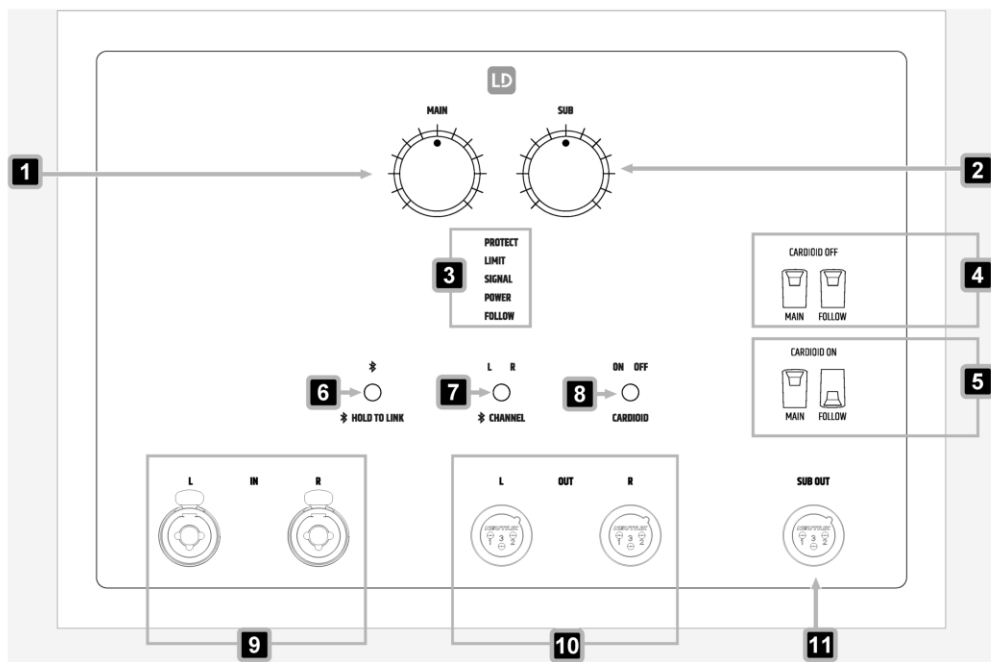
- 1 Plug the device power connector into the device. Make sure the bayonet connector is positioned correctly.
- 2 Turn the bayonet connector clockwise to lock it.
- 3 Plug the mains power connector into the mains power socket.

### 3.3 TURNING THE DEVICE ON OR OFF

- 1 Flip the switch from the  to the  position.  
⇒ After a few seconds, the device is operational.
- 2 Flip the switch from the  to the  position.  
⇒ The device turns off.



## 4 | THE USER INTERFACE



- 1 MAIN Level Control** - Adjusts the overall volume. When the subwoofer is used as a subwoofer extension, the level control is disabled and the **MAIN** display field is turned off.
- 2 SUB Level control** - Adjusts the volume balance between the subwoofer and the column speaker. When the subwoofer is used as a subwoofer extension, the level control is disabled and the **SUB** display field is turned off.
- 3 System Status Display** - Provides visual feedback on operating conditions.
  - **PROTECT** - Indicates that the system is overloaded or overheating. The amplifiers are muted automatically. Once normal operating conditions are restored, the unit returns to standard operation after a few minutes.

- **LIMIT** – Indicates that the speaker system is operating near its upper limit. Brief illumination is not critical. To protect the system, excessive signal levels are smoothly reduced by the integrated limiter. If the limiter LED remains lit for longer or permanently, reduce the volume level.
- **SIGNAL** – Indicates that the device is receiving an audio signal. The signal is detected before the main level control.
- **POWER** – Indicates that the device is properly connected to the mains and switched on.
- **FOLLOW** – Indicates that the columns have been detached from the system and the subwoofer is being used as a subwoofer extension.

**4** **CARDIOID OFF Icon** – Illustrates the correct **MAIN** and **FOLLOW** orientation when the cardioid preset is disabled.

**5** **CARDIOID ON Icon** – Illustrates the required **MAIN** and **FOLLOW** orientation when the cardioid preset is enabled.

**6** **⌘ HOLD TO LINK Button** - Press and hold for 3 seconds to activate Bluetooth® pairing for audio streaming.

**7** **L R ⌘ CHANNEL** - Cycles through left, right, or mono-summed Bluetooth® output

**8** **CARDIOID Subwoofer ON/OFF** – Enables or disables the cardioid subwoofer preset. Press and hold the CARDIOID button for approximately 2 seconds to change the operating mode.

**9** **IN** - Balanced line stereo input with two 3-pin female XLR sockets for connection of a playback device. Any stereo signal present is internally summed to mono.

**10** **OUT** - Provides a balanced pass-through of the input signal and the active Bluetooth audio signal for connecting additional audio equipment.

**11** **SUB OUT** – Provides a balanced line output via a male 3-pin XLR connector for controlling the subwoofer extension.

## 5 GETTING STARTED

### 5.1 AUDIO PLAYBACK

#### 5.1.1 CONNECTING AN INPUT SOURCE (LINE-IN MONO PLAYBACK)

- 1 Connect your line-level input source
  - a) For a mono input source, connect your line-level signal to connector **IN L** or **IN R**
  - b) For a stereo input source, connect the left and right line-level signals to connectors **IN L** and **IN R**.

⇒ The **MAUI®** internally sums the signals from **IN L** and **IN R** to a mono output.

#### 5.1.2 CONNECTING AN INPUT SOURCE (LINE-IN STEREO PLAYBACK)

- ✓ Two **MAUI®** systems
- ✓ Stereo line-in audio source

- 1 Connect the left output signal (L) of your stereo line-level audio source to either of the Line inputs (**IN L** or **IN R**) on the first Maui unit.
- 2 Connect the right output signal (R) of your stereo line-level audio source to either of the Line inputs (**IN L** or **IN R**) on the second Maui unit.

#### 5.1.3 ADJUSTING THE MAIN VOLUME

- 1 Turn the **MAIN level control** clockwise to increase the main volume.
- 2 Turn the **MAIN level control** anticlockwise to decrease it.

#### 5.1.4 CONNECTING A SUBWOOFER EXTENSION

The **MAUI®** automatically enters SUB extension mode when the column speakers are detached. The **FOLLOW** indicator confirms that the device is operating as a subwoofer extension.

- ✓ **MAUI® LINE** system
- ✓ **MAUI® LINE** subwoofer extension
- ✓ Balanced XLR audio cable

- 1 On the Main unit, connect the **SUB OUT** port to the **INL** or **INR** connector on the subwoofer extension using a balanced XLR audio cable.
- 2 Turn on the Main unit.
- 3 Turn on the subwoofer extension.
  - ⇒ The subwoofer extension receives the low-frequency signal and operates as an active bass extension to the Main unit.

### 5.1.5 ADJUSTING THE SUBWOOFER LEVEL



In subwoofer extension mode, the **MAIN** and **SUB level controls** on the subwoofer extension are deactivated.

- 1 On the Main unit, turn the **SUB level control** clockwise to increase the subwoofer level.
- 2 On the Main unit, turn the **SUB level control** anti-clockwise to decrease it.

## 6 WIRELESS CONNECTIONS

### 6.1 PAIRING A DEVICE VIA BLUETOOTH® FOR MONO PLAYBACK

- ✓ You have a Bluetooth®-ready mobile device, such as a smartphone or tablet.

- 1 Turn on Bluetooth® on your mobile device.
- 2 On the **MAUI®**, press and hold the **⌘ HOLD TO LINK** button for 3 seconds to start the pairing process.
  - ⇒ The LED above the **⌘ HOLD TO LINK** button starts to flash.
- 3 Follow the procedure for Bluetooth® pairing on your mobile device.
  - ⇒ The LED above the **⌘ HOLD TO LINK** button lights up permanently.
  - ⇒ Your mobile device is paired and ready for audio playback.



If your **MAUI®** is already paired via Bluetooth®, it will not appear in the Bluetooth® menu of other mobile devices. Unpair the currently paired mobile device to make the **MAUI®** available for other devices.

### 6.2

### PAIRING A DEVICE VIA BLUETOOTH® FOR STEREO PLAYBACK

- ✓ You have a Bluetooth®-ready mobile device, such as a smartphone or tablet.
- ✓ Two **MAUI®** systems
- ✓ Balanced XLR audio cable

- 1 Connect the Main unit's **OUT R** to the Follower unit's **IN R**.
  - ⇒ This connection transfers the right Bluetooth® channel from the Main unit to the Follower unit.
- 2 Turn on Bluetooth® on your mobile device.
- 3 On the **MAUI®** Main unit, press and hold the **HOLD TO LINK** button for 3 seconds to start the pairing process.
  - ⇒ The **⌘** LED above the **HOLD TO LINK** button starts to flash.
- 4 Follow the procedure for Bluetooth® pairing on your mobile device.
  - ⇒ The **⌘** LED above the **HOLD TO LINK** button lights up permanently.
  - ⇒ Your mobile device is paired and ready for stereo audio playback.
- 5 On the Main unit, press the **⌘ CHANNEL** button and set the unit to **L (Left)**.



If your **MAUI®** is already paired via Bluetooth®, it will not appear in the Bluetooth® menu of other mobile devices. Unpair the currently paired mobile device to make the **MAUI®** available for other devices.

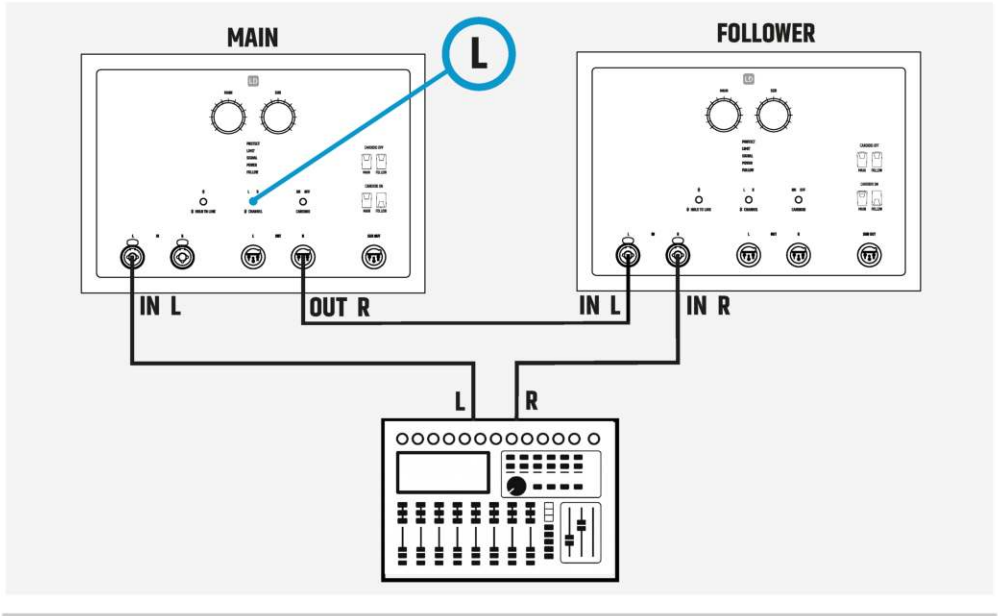
### 6.3

### UNPAIRING A BLUETOOTH® AUDIO PLAYBACK DEVICE

- ✓ You have a Bluetooth® device paired to your **MAUI®**.

- 1 Press and hold the **⌘ HOLD TO LINK** button for 2 seconds.
  - ⇒ Your mobile device is unpaired from the **MAUI®**.

6.4 USE CASE STEREO PLAYBACK WITH BLUETOOTH® AND STEREO LINE-INPUT SOURCE



## NOTES

