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Bosch LA1-UM40E-1

Bosch LA1-UM40E-1 40W Metal Column Loudspeaker User Manual

Model: LA1-UM40E-1

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Bosch LA1-UM40E-1 40W Metal Column Loudspeaker. Please read this manual carefully before using the product to ensure proper functionality and safety. Keep this manual for future reference.

SAFETY INSTRUCTIONS

- **Installation:** Ensure the loudspeaker is securely mounted using the provided wall mounting brackets. Improper installation can lead to equipment damage or personal injury.
- **Power Source:** Connect the loudspeaker only to a power source that matches the voltage and frequency specified on the product label.
- **Environment:** While designed for indoor and outdoor use, avoid exposing the loudspeaker to extreme temperatures, direct water spray, or high humidity for extended periods. It is not waterproof.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Ensure all cables (power, audio) are routed safely to prevent tripping hazards and damage.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Bosch LA1-UM40E-1 40W Metal Column Loudspeaker
- 2x Wall Mounting Brackets
- User Manual (this document)

PRODUCT OVERVIEW

The Bosch LA1-UM40E-1 is a 40W metal column loudspeaker designed for professional audio applications in both indoor and outdoor environments. It features a robust aluminum enclosure and provides sound beaming capabilities.



Figure 1: Front view of the Bosch LA1-UM40E-1 Metal Column Loudspeaker. This image shows the sleek white aluminum enclosure and the speaker grille.

Key Features:

- 40W power output
- Durable metal (aluminum) enclosure
- Suitable for indoor and outdoor use
- XLR and RCA connectivity options
- Supplied with swivel wall mounting brackets

SETUP

1. Mounting the Loudspeaker

The LA1-UM40E-1 comes with two swivel wall mounting brackets for secure installation. Follow these

steps:

1. **Select Location:** Choose a suitable wall location that can support the weight of the loudspeaker (approximately 11 pounds or 5 kg) and allows for optimal sound dispersion. Consider both indoor and outdoor environmental factors.
2. **Mark Drilling Points:** Use the mounting brackets as a template to mark the drilling points on the wall. Ensure the points are level and correctly spaced.
3. **Drill Holes:** Drill appropriate holes for the mounting hardware (screws, anchors – not included, choose based on wall material).
4. **Attach Brackets:** Securely fasten the two wall mounting brackets to the wall.
5. **Mount Loudspeaker:** Carefully attach the loudspeaker to the installed brackets. Ensure it is firmly seated and secured. The swivel feature allows for adjustment of the loudspeaker's angle for optimal sound beaming.

2. Connecting Audio and Power

The loudspeaker supports both XLR and RCA audio inputs. It requires a corded electric power source.

1. **Audio Input:**
 - For professional audio equipment, connect an XLR cable from your audio source (e.g., mixer, amplifier) to the XLR input on the loudspeaker.
 - For consumer audio devices (e.g., MP3 player, television), connect an RCA cable from your audio source to the RCA input on the loudspeaker.
 - *Note:* Ensure only one audio input type is used at a time to avoid signal interference.
2. **Power Connection:** Connect the power cord to the loudspeaker's power input and then to a suitable electrical outlet.
3. **Initial Check:** Before powering on, double-check all connections to ensure they are secure and correctly seated.

OPERATING INSTRUCTIONS

Once the loudspeaker is securely mounted and connected, follow these steps for operation:

1. **Power On:** Ensure the loudspeaker is connected to a power source. The unit will power on automatically or via a touch control method (if present and specified by the manufacturer, otherwise assume automatic power-on with power connection).
2. **Audio Source Activation:** Turn on your connected audio source (e.g., MP3 player, television, mixer).
3. **Volume Adjustment:** Adjust the volume level from your audio source. The LA1-UM40E-1 is a passive loudspeaker and relies on the connected audio source or amplifier for volume control.
4. **Sound Check:** Play a test audio to verify sound output and adjust the loudspeaker's swivel angle if necessary for optimal sound coverage.
5. **Power Off:** To power off, disconnect the loudspeaker from the electrical outlet.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your loudspeaker.

- **Cleaning:**

- Disconnect power before cleaning.
- Wipe the exterior of the loudspeaker with a soft, dry, or slightly damp cloth.
- Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish.
- Avoid getting moisture into any openings.

- **Environmental Care:**

- Periodically inspect outdoor installations for any signs of wear or damage from weather exposure.
- Ensure drainage holes (if any) are clear to prevent water accumulation.

• **Cable Inspection:** Regularly check audio and power cables for any signs of fraying, cuts, or damage. Replace damaged cables immediately.

TROUBLESHOOTING

If you encounter issues with your LA1-UM40E-1 loudspeaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	No power Incorrect audio connection Audio source off or muted Volume too low	Check power cable and outlet. Verify XLR/RCA cables are securely connected to the correct inputs. Ensure audio source is on and playing, and not muted. Increase volume on the audio source.
Distorted sound	Input signal too high Damaged audio cable Faulty audio source	Reduce volume/gain from the audio source. Try a different audio cable. Test with another audio source.
Intermittent sound	Loose cable connection Damaged cable	Check and secure all audio and power connections. Replace suspect cables.

If the problem persists after trying these solutions, contact Bosch customer support or a qualified service technician.

SPECIFICATIONS

Model Name	LA1-UM40E-1
Speaker Type	Column Loudspeaker
Recommended Uses	Indoor, Outdoor
Compatible Devices	MP3 Player, Television, Professional Audio Equipment
Speaker Maximum Output Power	40 Watts

Connectivity Technology	RCA, XLR
Audio Output Mode	Mono
Mounting Type	Wall Mount (brackets included)
Color	White
Included Components	Loudspeaker, 2x Wall Mounting Brackets
Item Weight	11 Pounds (approximately 5 kg)
Is Waterproof	No
Control Method	Touch (for basic functions, volume controlled by source)
Power Source	Corded Electric
Manufacturer	Bosch Communications
ASIN	B00855305E
UPC	800549309707

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Bosch website or contact your local Bosch representative. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: www.bosch.com