

JBL EON715

JBL Professional EON715 Powered PA Loudspeaker

USER MANUAL

Model: EON715 | Brand: JBL

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1. Introduction

Welcome to the user manual for your new JBL Professional EON715 Powered PA Loudspeaker. This powerful and versatile 15-inch loudspeaker is designed to deliver exceptional audio performance for a wide range of applications, from live music to public speaking events. This manual provides essential information for setting up, operating, and maintaining your EON715 loudspeaker to ensure optimal performance and longevity.



Figure 1: JBL EON715 Powered PA Loudspeaker.

2. Product Overview

The JBL EON715 is a 15-inch powered PA loudspeaker, part of JBL's professional EON series. It features a custom-designed 15-inch woofer and a 2414H compression driver, coupled with a redesigned high-frequency horn, to deliver clear and powerful sound. With 1,300W Peak / 650W RMS power, it is suitable for various sound reinforcement needs. The unit also includes integrated Bluetooth connectivity for audio streaming and control.

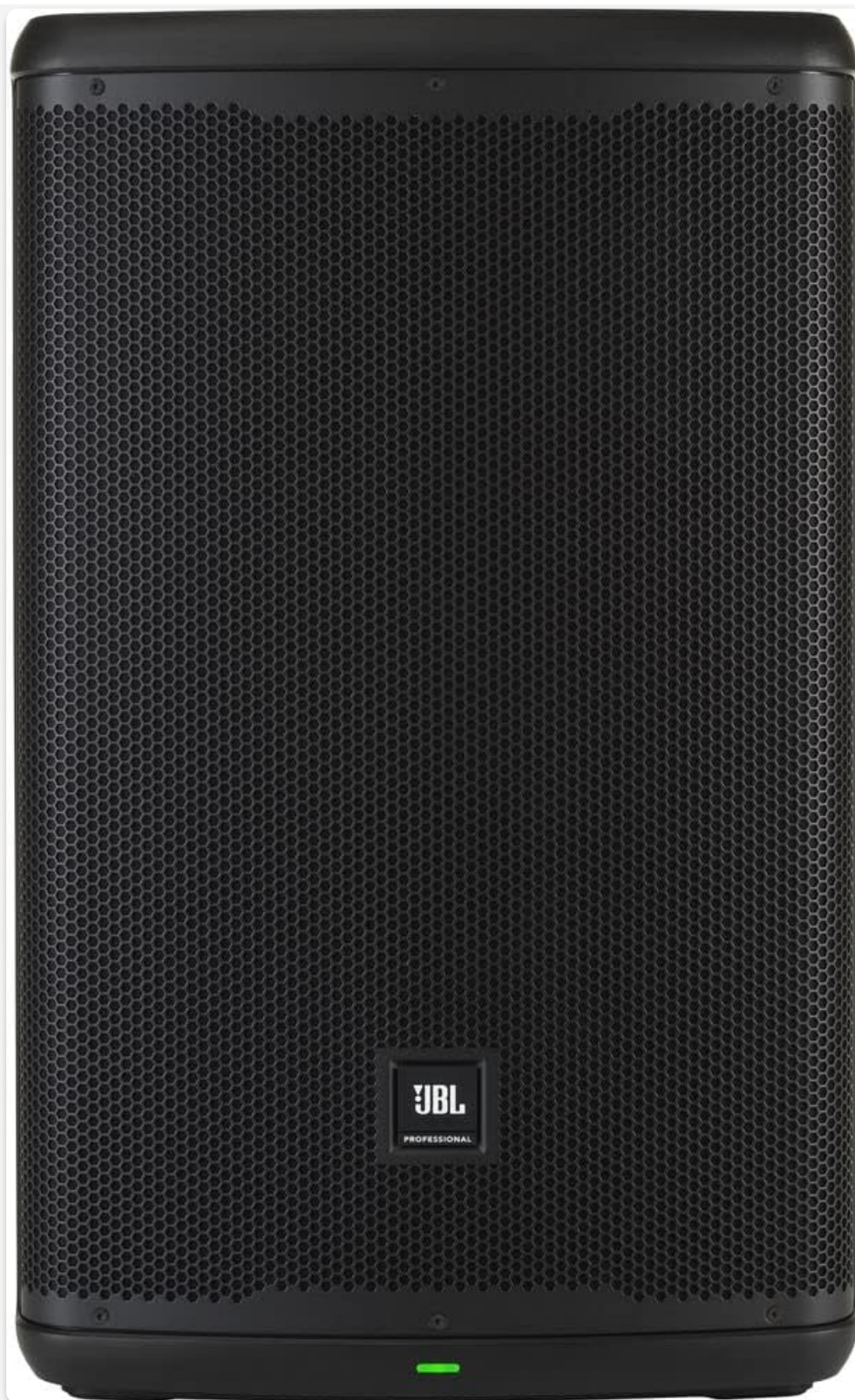


Figure 2: Front view of the EON715 loudspeaker.



Figure 3: Side view with integrated handles for portability.

3. Key Features

- **Custom-designed 15-inch woofer:** Provides robust low-frequency response.
- **2414H compression driver:** Delivers clear and crisp high frequencies.
- **Redesigned high-frequency horn:** Ensures consistent coverage and sound quality.
- **Power: 1,300W Peak / 650 RMS:** Ample power for various live sound applications.
- **Frequency response: 45Hz - 20kHz (-10) - 55Hz - 20kHz (-3):** Wide frequency range for full-spectrum audio.
- **Bluetooth Connectivity:** For audio streaming and remote control via smartphone.

- **XLR Inputs/Outputs:** Professional connectivity options.
- **Portable Design:** Lightweight and durable enclosure for easy transport.



Figure 4: Internal components, including the 15-inch woofer and high-frequency horn.

4. Package Contents

Your JBL Professional EON715 bundle includes the following items:

- (1) JBL Professional EON715 Powered PA Loudspeaker
- (1) Steel Speaker Stand
- (1) Stand Bag (51" Interior)

- (1) XLR-XLR Cable
- (1) Power Cable (Corded Electric)
- (1) User Manual (this document)



Figure 5: Complete EON715 bundle.



Figure 6: Included steel speaker stand.



Figure 7: Speaker stand bag for transport and protection.



Figure 8: XLR-XLR cable for audio connections.

5. Setup Guide

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Speaker Placement:** Position the EON715 loudspeaker on a stable, flat surface or mount it on the included steel speaker stand. Ensure the stand is fully extended and stable before placing the speaker. The EON715 is designed for floor standing use.



Figure 9: Properly mounting the speaker on the stand.

3. **Power Connection:** Connect the provided power cable to the AC inlet on the rear of the loudspeaker and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.
4. **Audio Connections (XLR):** Use the included XLR-XLR cable to connect your audio source (e.g., mixer, microphone) to the CH1 or CH2 input on the rear panel of the EON715. The inputs support both microphone and line-level signals.
5. **Bluetooth Pairing:**
 - Ensure Bluetooth is enabled on your smartphone or compatible device.

- Press the Bluetooth SYNC button on the EON715 control panel. The Bluetooth indicator will flash.
- Select "JBL EON715" from the list of available devices on your smartphone.
- Once paired, the Bluetooth indicator will glow solid. You can now stream audio wirelessly.

6. **Initial Volume Setting:** Before powering on, ensure the MASTER VOLUME knob is set to its minimum position.

6. Operating Instructions

1. **Power On:** Flip the power switch on the rear panel to the ON position. The front LED indicator will illuminate.
2. **Adjusting Volume:** Slowly increase the MASTER VOLUME knob to achieve the desired output level. Adjust individual channel (CH1, CH2) gain knobs as needed.



Figure 10: Adjusting the control panel on the EON715.

3. **EQ Presets:** Use the EQ PRESETS button to cycle through optimized equalization settings for different applications (e.g., Main, Monitor, Sub, Speech).
4. **EQ+:** The EQ+ button provides additional tonal shaping options. Refer to the full manual for detailed EQ adjustments via the JBL Pro Connect app.
5. **Bluetooth Control:** For advanced control and customization, download the JBL Pro Connect app on your smartphone. This allows remote adjustment of EQ, effects, and other parameters.



Figure 11: Remote control of the EON715 via the JBL Pro Connect app.

6. Signal and Limit Indicators:

- The **SIGNAL** indicator illuminates when an audio signal is present.
- The **LIMIT** indicator illuminates when the internal limiter is active, preventing distortion. If this light is on frequently, reduce the volume.

7. Maintenance

Proper maintenance ensures the longevity and performance of your JBL EON715 loudspeaker:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners or solvents.

- **Ventilation:** Ensure adequate airflow around the rear panel to prevent overheating. Do not block ventilation openings.
- **Storage:** When not in use, store the speaker in a cool, dry place, ideally in its original packaging or a protective case/bag.
- **Moisture:** The speaker is not waterproof. Avoid exposure to water or excessive moisture.
- **Cable Care:** Inspect all cables regularly for damage. Replace frayed or damaged cables immediately.

8. Troubleshooting

If you encounter issues with your EON715 loudspeaker, refer to the following common solutions:

Problem	Possible Cause	Solution
No Sound Output	Power cable disconnected Volume knobs too low Audio source not sending signal Incorrect input selected	Check power connection and switch Increase MASTER VOLUME and channel gains Verify audio source is active and connected Ensure correct input (CH1/CH2) is used
Distorted Sound	Volume too high (LIMIT indicator on) Input signal too strong Damaged cable	Reduce MASTER VOLUME or channel gains Lower output level from audio source Replace audio cable
Bluetooth Disconnection	Device out of range Interference	Move device closer to speaker Turn off other Bluetooth devices nearby Re-pair the Bluetooth connection

For more detailed troubleshooting, please refer to the full JBL EON715 service manual or contact JBL Professional support.

9. Technical Specifications

Specification	Value
Model Name	EON715
Speaker Type	Subwoofer, Woofer
Special Feature	Portable
Recommended Uses For Product	Compression
Compatible Devices	Smartphone
Subwoofer Diameter	15 Inches
Controller Type	Button
Surround Sound Channel Configuration	3.0

Specification	Value
Item Weight	46.7 pounds (747.2 Ounces)
Is Waterproof	FALSE
Warranty Type	Limited
Wireless Communication Technology	Bluetooth
Speaker Size	15 Inches
Power Source	Corded Electric
Woofer Diameter	15 Inches
Audio Driver Type	Dynamic Driver
Audio Driver Size	15 Inches
Connectivity Protocol	Bluetooth
UPC	726667946436
Manufacturer	JBL
Package Dimensions	28.2 x 17.2 x 14.1 inches
ASIN	B09RG8BF1X
Item model number	EON715
Date First Available	January 28, 2022
Speaker Maximum Output Power	1300 Watts
Connectivity Technology	Bluetooth, XLR
Audio Output Mode	Stereo (with Bluetooth support)
Mounting Type	Floor Standing

10. Warranty and Support

The JBL Professional EON715 Powered PA Loudspeaker comes with a **Limited Warranty**. For specific terms and conditions of your warranty, please refer to the warranty card included with your product or visit the official JBL Professional website.

For technical support, service, or additional information, please visit the [JBL Professional Store on Amazon](#) or the official JBL Professional support portal.

Always ensure you have your product model number (EON715) and serial number ready when contacting support.

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