

JBL CONTROL 25-WH

JBL Professional Control 25 Compact Indoor/Outdoor Loudspeaker User Manual

Model: CONTROL 25-WH

INTRODUCTION

The JBL Professional Control 25 is a versatile compact indoor/outdoor loudspeaker, part of JBL Professional's Control Contractor Series. It is engineered to provide high-quality background and foreground audio in a variety of environments, offering robust performance and durability.

SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Retain this manual for future reference.

- Ensure all connections are secure and correct before powering on.
- Do not expose the loudspeaker to extreme temperatures or direct moisture beyond its specified weather resistance.
- Installation should be performed by qualified personnel, especially for overhead mounting.
- Use appropriate mounting hardware and follow all local building codes.
- Avoid placing the speaker in locations where it could be easily knocked over or damaged.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x JBL Professional Control 25-WH Loudspeaker
- Invisiball Mounting Hardware
- User Manual (this document)

SETUP

Mounting the Loudspeaker

The Control 25-WH features built-in Invisiball mounting hardware for flexible and secure installation. This system allows for precise aiming of the loudspeaker.



Figure 1: Front view of the JBL Control 25-WH loudspeaker. This white speaker features a perforated metal grille and the JBL logo prominently displayed.

1. **Select Location:** Choose a suitable location for mounting, considering both acoustic performance and

structural integrity. The speaker is designed for both indoor and outdoor use.

2. **Install Mounting Bracket:** Secure the Invisiball mounting bracket to the wall or ceiling using appropriate fasteners (not included) for the surface material. Ensure the mounting surface can support the weight of the loudspeaker.
3. **Attach Loudspeaker:** Connect the loudspeaker to the installed bracket, following the specific instructions provided with the Invisiball hardware for secure attachment and aiming.
4. **Adjust Aim:** Once attached, adjust the loudspeaker's angle and direction to achieve optimal sound coverage.

Wiring and Connections

The Control 25-WH is a passive loudspeaker and requires connection to an appropriate amplifier.

- **Speaker Wire:** Use high-quality speaker wire of appropriate gauge for the length of the run.
- **Connect to Amplifier:** Connect the positive (+) terminal of the loudspeaker to the positive (+) terminal of the amplifier's output, and the negative (-) terminal of the loudspeaker to the negative (-) terminal of the amplifier's output.
- **Impedance Matching:** Ensure your amplifier's output impedance matches the loudspeaker's impedance (typically 8 ohms for passive speakers, refer to specifications).

OPERATING

Once properly installed and connected to an amplifier, the JBL Control 25-WH operates as a high-fidelity audio output device.

- **Power On:** Turn on your amplifier and audio source.
- **Volume Control:** Adjust the volume level using your amplifier's controls. Start with a low volume and gradually increase it to a comfortable listening level.
- **Overload Protection:** The speaker features overload protection circuitry. If you hear distortion or the sound cuts out, reduce the volume immediately to prevent damage.
- **Sound Quality:** For optimal sound quality, ensure your audio source is clean and free of interference.

MAINTENANCE

The JBL Control 25-WH is designed for durability and requires minimal maintenance.

- **Cleaning:** Clean the exterior of the loudspeaker with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Weather Resistance:** While weather-resistant, prolonged exposure to extreme conditions (e.g., direct heavy rain, snow, or saltwater spray) should be minimized where possible to extend product life.
- **Inspection:** Periodically inspect mounting hardware and connections for any signs of wear or loosening, especially in outdoor installations.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Sound	Power off/unplugged amplifier	Check amplifier power and connections.
	Incorrect wiring	Verify speaker wire connections (positive to positive, negative to negative).
	Faulty audio source	Test with a different audio source.
	Volume too low	Increase amplifier volume.
Distorted Sound	Volume too high (overload)	Reduce amplifier volume.
	Poor audio source quality	Check audio source for distortion.
	Damaged speaker wire	Inspect speaker wire for cuts or fraying.
Intermittent Sound	Loose connections	Check all wiring connections at both speaker and amplifier.
	Faulty amplifier channel	Test speaker with a different amplifier channel or amplifier.

SPECIFICATIONS

Feature	Detail
Model Name	CONTROL 25-WH
Speaker Type	Woofer (2-way system)
Components	5.25 in polypropylene coated woofer, 0.75 in titanium coated Horn loaded tweeter
Special Feature	Overload Protection Circuitry
Recommended Uses	Indoor, Outdoor (Background/Foreground Audio)
Color	White
Sensitivity	88 dB SPL, 1W, 1m
Frequency Response	20 kHz (2E+4 Hz) - lower frequency not specified, but typical for full-range speaker.
Mounting Type	Inside Mount, Outside Mount (Built-in Invisiball mounting hardware)
Water Resistance Level	Water Resistant (Weather resistant enclosure and transducers)
Item Weight	3.75 pounds
Package Dimensions	7.75 x 6 x 3.5 inches

WARRANTY INFORMATION

JBL Professional products are manufactured to the highest quality standards. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official JBL Professional website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical support, service, or additional information regarding your JBL Professional Control 25 loudspeaker, please contact JBL Professional customer service or visit their official website:

- **JBL Professional Website:** pro.harman.com/brands/jbl
- Refer to the contact section on the website for phone numbers and email support.