

## JBL AC18/95-WH

# JBL Professional AC18/95-WH Compact 8-Inch 2-way Loudspeaker Instruction Manual

Model: AC18/95-WH | Brand: JBL Professional

## 1. INTRODUCTION

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The JBL AC18/95-WH is a high output, 2-way loudspeaker system designed for professional audio applications, combining flexibility with high fidelity sound reproduction. This manual provides essential information for the safe and effective installation, operation, and maintenance of your loudspeaker.

Key features include:

- Frequency range: 52 Hz - 20 kHz (-10 dB)
- Power Rating: 250W continuous Pink noise, 500W Program, 1000W Peak
- Durable and compact enclosure
- Dual Neutrik NL4 Connectors plus screw Terminal
- Attachment points for optional U-bracket, third party Omni Mount type bracket and stand mount accessory





Figure 1: Front view of the JBL Professional AC18/95-WH loudspeaker in white.

## 2. SAFETY INFORMATION

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Please read all safety instructions carefully before installing or operating the loudspeaker. Retain this manual for future reference.

- **Electrical Safety:** Ensure all connections are made correctly and securely. Disconnect power before making any

connections or adjustments.

- **Mounting:** This loudspeaker is designed for wall mount and other professional installations. Ensure mounting hardware is appropriate for the weight and environment, and that installation is performed by qualified personnel.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use appropriate hearing protection when operating the loudspeaker at high volumes.
- **Ventilation:** Ensure adequate ventilation around the loudspeaker to prevent overheating. Do not block ventilation openings.
- **Environmental Conditions:** Do not expose the loudspeaker to water or excessive moisture. This product is not waterproof.

## 3. SETUP AND INSTALLATION

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Proper setup is crucial for optimal performance and safety. The AC18/95-WH loudspeaker offers various installation options.

### 3.1 Unpacking

Carefully remove the loudspeaker and all accessories from the packaging. Verify that all included components are present:

- JBL AC18/95-WH Loudspeaker
- Cables (if specified in your package)
- Mounting Accessories (if specified in your package)

### 3.2 Mounting Options

The loudspeaker features multiple attachment points for flexible installation:

- **Wall Mount:** The primary mounting type for this model. Ensure the wall structure can support the loudspeaker's weight (approximately 28.2 pounds).
- **U-bracket:** Attachment points are available for an optional U-bracket.
- **Omni Mount Type Bracket:** Compatible with third-party Omni Mount type brackets.
- **Stand Mount Accessory:** Can be used with a suitable stand mount accessory.

Always use appropriate, certified mounting hardware and consult with a professional installer if unsure about installation procedures.



Figure 2: Dimensions of the JBL AC18/95-WH loudspeaker.



Figure 3: Internal components view, highlighting the 8-inch LF transducer and 1-inch exit compression driver.

### 3.3 Connections

Connect the loudspeaker to your audio amplifier using high-quality speaker cables. The AC18/95-WH features Dual Neutrik NL4 Connectors and screw terminals for versatile connectivity.

- Ensure the amplifier is turned off before making any connections.
- Connect the positive (+) terminal of the amplifier to the positive (+) terminal of the loudspeaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the loudspeaker.
- Use appropriate gauge speaker wire for the length of the run to minimize signal loss.

## 4. OPERATING INSTRUCTIONS

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Once installed and connected, your JBL AC18/95-WH loudspeaker is ready for operation.

### 4.1 Powering On

1. Ensure all audio source devices (mixers, players) are connected and their volume levels are set to minimum.
2. Turn on your audio amplifier.
3. Gradually increase the volume on your amplifier and audio source to the desired listening level.

### 4.2 Compatible Devices

This loudspeaker is designed to work with a wide range of audio equipment, including but not limited to:

- Desktop computers
- Laptop computers
- MP3 Players
- Projectors
- Smartphones
- Tablets
- Televisions

### 4.3 Audio Performance

The AC18/95-WH provides a frequency response of 52 Hz - 20 kHz (-10 dB) and a 90° x 50° coverage pattern, ensuring clear and powerful sound reproduction for various professional applications. The speaker's 2-way design with an 8-inch woofer and 1-inch compression driver delivers balanced audio across the spectrum.

## 5. MAINTENANCE

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Regular maintenance will help ensure the longevity and optimal performance of your JBL loudspeaker.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the loudspeaker. Do not use abrasive cleaners, solvents, or chemical sprays, as these may damage the finish or internal components.
- **Inspection:** Periodically check all cable connections for tightness and signs of wear. Inspect mounting hardware to ensure it remains secure.
- **Storage:** If storing the loudspeaker for an extended period, keep it in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your loudspeaker. If the problem persists, contact JBL Professional support.

Problem	Possible Cause	Solution
No Sound	Power not connected to amplifier Incorrect cable connections Volume too low on amplifier or source Faulty cable	Ensure amplifier is powered on. Verify all audio cables are correctly connected (positive to positive, negative to negative). Increase volume gradually. Test with a different cable.
Distorted Sound	Volume too high (clipping) Poor quality audio source Damaged speaker cone/driver	Reduce amplifier or source volume. Try a different audio source. Contact support if physical damage is suspected.
Intermittent Sound	Loose cable connection Faulty cable	Check and secure all connections. Replace cables if necessary.

## 7. SPECIFICATIONS

Detailed technical specifications for the JBL Professional AC18/95-WH Loudspeaker:

Feature	Detail
Model Name	AC18/95-WH
Speaker Type	2-way Loudspeaker, Woofer
Color	White
Product Dimensions (D x W x H)	14"D x 13"W x 20"H
Item Weight	28.2 Pounds (12.79 kg)
Frequency Range	52 Hz - 20 kHz (-10 dB)
Power Rating (Continuous Pink Noise)	250W
Power Rating (Program)	500W
Power Rating (Peak)	1000W
Speaker Size	8 Inches (Woofer Diameter)
Audio Driver Type	Dynamic Driver
Coverage (Style)	90° x 50°
Connectivity Technology	Wired (Dual Neutrik NL4 Connectors plus screw Terminal)
Power Source	Corded Electric

Feature	Detail
Mounting Type	Wall Mount (with attachment points for U-bracket, Omni Mount type bracket, stand mount accessory)
Included Components	Cables, Mounting Accessories (as specified in package)
Water Resistance Level	Not Water Resistant
UPC	691991002106

## 8. WARRANTY AND SUPPORT

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Your JBL Professional AC18/95-WH Loudspeaker comes with a Limited Warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, service, or warranty claims, please visit the official JBL Professional website or contact their customer service department. You can find more information and contact details on the [JBL Professional Store on Amazon](#) or their official corporate website.

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