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› Ashdown ABM 115H EVO IV Bass Cabinet User Manual

Ashdown ABM115HCEVOIV

Ashdown ABM 115H EVO IV Bass Cabinet Instruction Manual

Model: ABM115HCEVOIV

INTRODUCTION

The Ashdown ABM 115H EVO IV is a 300-watt compact bass speaker cabinet designed to deliver powerful and clear bass tones. This 8-ohm cabinet features a custom-designed 15-inch Ashdown BlueLine speaker and a switchable HF horn, providing comprehensive control over the high-frequency response.

Constructed with high-end birch plywood, rugged covering, metal corners, and a steel grille, the ABM 115H EVO IV is built for durability and reliable performance in various settings.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before operating the product.
- Retain these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

SETUP

Unpacking

Carefully remove the ABM 115H EVO IV cabinet from its packaging. Inspect the cabinet for any signs of damage that may have occurred during transit. Retain the packaging for future transportation or storage.

Placement

Place the cabinet on a stable, level surface. Ensure adequate ventilation around the cabinet to prevent overheating, especially when used with a high-powered amplifier. Avoid placing the cabinet directly against walls or in corners if you wish to minimize bass coupling, which can artificially boost low frequencies.

Connections

Connect the ABM 115H EVO IV cabinet to your bass amplifier using a high-quality speaker cable with Speakon connectors. Ensure your amplifier's output impedance matches the cabinet's 8-ohm impedance. Mismatched impedance can lead to amplifier damage or reduced performance.



Image: Front view of the Ashdown ABM 115H EVO IV Bass Cabinet, showcasing the black grille, Ashdown logo, and the blue 15-inch speaker visible behind the grille.

OPERATING

Powering On/Off

Always ensure your amplifier is turned off before connecting or disconnecting the speaker cabinet. Once connected, power on your amplifier, gradually increasing the volume to your desired level.

Horn Tweeter Control

The ABM 115H EVO IV features a switchable HF horn. This control allows you to adjust the high-frequency response of the cabinet. Typically, there are settings for 'Hi', 'Low', or 'Off'. Experiment with these settings

to find the optimal high-end clarity and presence for your playing style and environment. Turning the horn 'Off' will result in a warmer, more traditional bass tone, while 'Hi' or 'Low' settings will add more articulation and brightness.

Volume Levels

While the cabinet is rated for 300 watts, it is important to use it within its power handling capabilities. Avoid pushing the amplifier into heavy clipping or distortion for extended periods, as this can damage the speaker. Listen for signs of speaker distress, such as buzzing or flapping, and reduce volume immediately if heard.

MAINTENANCE

Cleaning

To clean the cabinet, use a dry, soft cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker grille or internal components. Avoid abrasive cleaners or solvents.

Storage

When not in use, store the cabinet in a dry environment, away from extreme temperatures and direct sunlight. If transporting, use appropriate covers or cases to protect the finish and components.

Inspection

Periodically inspect the speaker grille, cabinet covering, and connectors for any signs of wear or damage. Ensure all screws and hardware are secure.

TROUBLESHOOTING

No Sound

- Check all cable connections between the amplifier and the cabinet. Ensure they are secure and correctly inserted.
- Verify that the amplifier is powered on and its volume is not set to zero.
- Test with a different speaker cable to rule out a faulty cable.
- Ensure the amplifier's output impedance matches the cabinet's 8-ohm impedance.

Distortion or Unwanted Noise

- Reduce the amplifier's volume or gain settings. Excessive input signal or output volume can cause distortion.
- Check for loose components or rattling within the cabinet.
- Ensure the speaker cable is not damaged or frayed.
- If the distortion occurs at lower volumes, it may indicate a fault with the speaker or amplifier, requiring professional service.

Intermittent Sound

- Inspect all connections for looseness or corrosion.
- Wiggle cables gently to see if the sound cuts in and out, indicating a faulty cable.
- Ensure the amplifier is not overheating, which can cause protective shutdowns.

SPECIFICATIONS

Model Number	ABM115HCEVOIV
Output Wattage	300 Watts
Impedance	8 Ohms
Speaker Configuration	1 x 15" Ashdown BlueLine Speaker
Horn	HF Horn (Switchable)
Connector Type	Speakon
Item Weight	62 pounds (28.12 kg)
Product Dimensions (D x W x H)	16.5" x 24.02" x 21.73" (41.91 cm x 61.01 cm x 55.19 cm)
Construction	High-end Birch Plywood

WARRANTY AND SUPPORT

This Ashdown product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact your authorized Ashdown dealer or visit the official Ashdown website for contact information and support resources.

Ashdown Official Website: www.ashdownmusic.com