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› VOX BC108 Black Cab Series Amplifier Cabinet Instruction Manual

VOX BC108

VOX BC108 Black Cab Series Amplifier Cabinet

Instruction Manual

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1. INTRODUCTION

The VOX BC108 Black Cab Series Amplifier Cabinet is a compact and portable speaker cabinet designed to deliver quality sound for guitar amplification. Featuring an 8-inch speaker and 25 Watts of power handling, it is ideal for practice, studio use, and small venues. This manual provides essential information for the safe and effective use of your BC108 cabinet, ensuring optimal performance and longevity.



Figure 1: Front view of the VOX BC108 Amplifier Cabinet.

2. SAFETY PRECAUTIONS

To prevent electric shock, fire, or damage to the unit, please read and follow all instructions carefully.

- **Power Source:** This cabinet is passive and does not require direct power. Ensure any connected amplifier is properly grounded and uses the correct voltage.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the cabinet.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Do not place objects filled with liquids on or near the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus that

produce heat.

- **Cleaning:** Clean only with a dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the cabinet on a stable, level surface to prevent it from falling.
- **Speaker Cables:** Use high-quality speaker cables with appropriate gauge for connections to prevent signal loss or damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- VOX BC108 Amplifier Cabinet
- Speaker Cable (may vary by region/retailer)
- Instruction Manual (this document)

4. SETUP

Follow these steps to set up your VOX BC108 amplifier cabinet:

1. **Placement:** Position the BC108 cabinet on a stable surface. For optimal sound projection, consider placing it on the floor or on a sturdy stand.
2. **Connecting to an Amplifier Head:**

Locate the speaker output jack on your amplifier head and one of the input jacks on the rear of the BC108 cabinet. Use a high-quality speaker cable to connect these two points. Ensure both the amplifier and the cabinet are powered off before making connections.



Figure 2: The BC108 cabinet paired with an MV50 amplifier head.



Figure 3: Rear panel of the BC108, illustrating the parallel speaker jacks.

3. **Impedance Matching:** The BC108 has an impedance of 8 Ohms. Ensure your amplifier head's output impedance setting matches or is compatible with the cabinet's impedance to prevent damage to your amplifier.
4. **Parallel Speaker Jacks:** The BC108 features two parallel speaker jacks. One jack serves as the input from your amplifier, and the other can be used to connect an additional speaker cabinet in parallel. When connecting two 8-Ohm cabinets in parallel, the total impedance presented to the amplifier will be 4 Ohms. Ensure your amplifier can safely operate at this lower impedance.

5. OPERATION

The BC108 is a passive speaker cabinet and its operation is directly controlled by the connected amplifier head.

- **Power On/Off:** Turn on your amplifier head after all connections are securely made. Turn off the amplifier head before disconnecting any cables.

- **Volume Control:** Adjust the volume and tone settings directly on your amplifier head.
- **Daisy-Chaining (Connecting Multiple Cabinets):** If you wish to connect a second 8-Ohm cabinet, use a speaker cable to connect the second parallel jack on the BC108 to the input of the additional cabinet. Remember that this configuration will result in a 4-Ohm load for your amplifier.



Figure 4: Two BC108 cabinets stacked, demonstrating a potential multi-cabinet setup.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your BC108 cabinet.

- **Cleaning:** Wipe the exterior of the cabinet with a soft, dry cloth. Do not use abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Storage:** When not in use for extended periods, store the cabinet in a dry, temperature-controlled environment, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check speaker cables for any signs of wear or damage. Replace damaged cables immediately.

7. TROUBLESHOOTING

If you encounter issues with your BC108 cabinet, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from cabinet.	<ul style="list-style-type: none"> ◦ Amplifier not powered on. ◦ Incorrect or loose speaker cable connection. ◦ Damaged speaker cable. ◦ Amplifier output impedance mismatch. 	<ul style="list-style-type: none"> ◦ Ensure amplifier is powered on and functioning. ◦ Check all speaker cable connections at both the amplifier and cabinet. ◦ Try a different speaker cable. ◦ Verify amplifier output impedance matches cabinet (8 Ohms, or 4 Ohms for two cabinets).
Distorted or weak sound.	<ul style="list-style-type: none"> ◦ Amplifier volume too high. ◦ Damaged speaker. ◦ Incorrect impedance matching. ◦ Faulty amplifier. 	<ul style="list-style-type: none"> ◦ Reduce amplifier volume. ◦ Test with another known-good speaker cabinet if possible. ◦ Confirm impedance settings. ◦ Test the amplifier with another speaker or headphones to isolate the issue.
Intermittent sound.	<ul style="list-style-type: none"> ◦ Loose speaker cable connection. ◦ Damaged speaker cable. 	<ul style="list-style-type: none"> ◦ Securely re-seat all speaker cable connections. ◦ Replace the speaker cable.

If the problem persists after attempting these solutions, please contact VOX customer support or a qualified service technician.

8. SPECIFICATIONS

Brand	VOX
Model Name	BC108
Speaker Size	8 Inches
Power Handling	25 Watts
Impedance	8 Ohms
Input/Output Jacks	2 x Parallel Speaker Jacks
Item Weight	9.7 Pounds (approx. 4.4 kg)
Enclosure Material	Stainless Steel
Manufacturer	Korg USA Inc.

9. WARRANTY INFORMATION

The VOX BC108 Amplifier Cabinet comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, modification, unauthorized repair, or normal wear and tear.

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official VOX website.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to arrange for service, please contact VOX customer support:

- **Website:** Visit the official VOX website for FAQs, support resources, and contact information.
- **Contact:** Refer to the contact section on the VOX website for phone numbers or email support.
- **Dealer:** Contact your authorized VOX dealer for local support and service options.