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## Fender Bassman 810 Neo Cab

# Fender Bassman 810 Neo Cab Guitar Amplifier Cabinet Instruction Manual

Model: 2249200000

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## 1. INTRODUCTION

Thank you for choosing the Fender Bassman 810 Neo Cab Guitar Amplifier Cabinet. This cabinet is engineered to deliver a powerful and clear bass sound, suitable for large venues and demanding performances. Its design combines classic Fender aesthetics with modern, lightweight construction for ease of transport and setup.

Key features of your Bassman 810 Neo Cab include:

- Eight 10-inch Fender Special Design Eminence Neodymium speakers.
- Integrated compression driver horn with attenuator for precise high-frequency control.
- Robust power handling: 2000 Watts program, 1000 Watts continuous at 4 ohms.
- Lightweight plywood enclosure with vintage late-'60s/early-'70s Fender "blackface" styling.
- Speakon connectors for secure and reliable connections.
- Fixed casters and heavy-duty handles for convenient hand-truck operation and transport.
- Rear glide rails for smoother loading and unloading.

This manual provides essential information for the safe and optimal use of your amplifier cabinet. Please read it thoroughly before operation.

## 2. SAFETY INFORMATION

Always observe the following safety precautions to prevent electric shock, fire, or injury.

- **Power Source:** Connect the cabinet only to the specified power supply voltage. Ensure the power

cord is undamaged and properly grounded.

- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the cabinet to prevent overheating.
- **Moisture:** Do not expose the cabinet to rain, moisture, or excessive humidity. Keep liquids away from the unit.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the cabinet on a stable, level surface. Avoid placing it near heat sources or in direct sunlight.
- **Hearing Protection:** This amplifier cabinet can produce high sound pressure levels. Prolonged exposure to high volume can cause permanent hearing damage. Use appropriate hearing protection.
- **Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 3. SETUP

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Follow these steps to set up your Fender Bassman 810 Neo Cab:

1. **Unpacking:** Carefully remove the amplifier cabinet from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Position the cabinet on a stable, flat surface. Ensure there is sufficient space around the unit for ventilation.
3. **Connecting to an Amplifier Head:** Use high-quality speaker cables to connect your amplifier head to the Bassman 810 Neo Cab. The cabinet features Speakon connectors for secure connections. Ensure the impedance of your amplifier head matches the cabinet's impedance (4 ohms).
4. **Power Connection:** Connect the power cable to the amplifier head (not the cabinet, as this is a passive cabinet) and then to a grounded electrical outlet.
5. **Instrument Connection:** Connect your bass guitar to the input of your amplifier head.



Figure 3.1: Front view of the Fender Bassman 810 Neo Cab. This image shows the robust grille and overall construction of the cabinet.

## 4. OPERATION

The Bassman 810 Neo Cab is a passive speaker cabinet and does not have its own controls. All sound shaping and volume adjustments are made via your connected amplifier head. Refer to your amplifier head's manual for detailed instructions on its controls.

However, it's important to understand the connections on the rear panel of the cabinet:

### 4.1 Rear Panel Connections

- **Parallel Speaker Outputs:** These Speakon jacks are used to connect the cabinet to your amplifier

head. The cabinet is rated at 4 ohms. Ensure your amplifier head can safely drive a 4-ohm load.

- **Compression Driver Horn Attenuator:** This control allows you to adjust the level of the high-frequency horn. Turn it clockwise to increase the high-frequency output, or counter-clockwise to decrease it. This helps tailor the cabinet's sound to your preference and playing environment.



*Figure 4.1: Rear view of the Fender Bassman 810 Neo Cab. This image, representing the overall product, highlights the location of the Speakon inputs and the compression driver horn attenuator on the rear panel.*

*Note: The provided video "Rumble 500 Features Overview" is for a different amplifier model (Fender Rumble 500 head) and is not directly applicable to the operation of this passive Bassman 810 Neo Cab. Therefore, it is not included in this manual.*

## 5. MAINTENANCE

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Proper care will ensure the longevity and optimal performance of your Bassman 810 Neo Cab.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the cabinet. Avoid abrasive cleaners or solvents that could damage the finish.
- **Storage:** When not in use, store the cabinet in a dry, temperature-controlled environment, away from direct sunlight and extreme temperatures.
- **Transport:** Utilize the built-in casters, handles, and rear glide rails for safe and easy transport. Avoid dropping or subjecting the cabinet to severe impacts.
- **Speaker Care:** Avoid overdriving the speakers beyond their rated capacity, as this can cause damage.

## 6. TROUBLESHOOTING

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If you encounter issues with your Bassman 810 Neo Cab, consult the following common troubleshooting tips.

Problem	Possible Cause	Solution
No sound from cabinet	<ul style="list-style-type: none"><li>• Loose speaker cable connection.</li><li>• Amplifier head not powered on or faulty.</li><li>• Incorrect impedance match.</li><li>• Damaged speaker cable.</li></ul>	<ul style="list-style-type: none"><li>• Check all speaker cable connections.</li><li>• Verify amplifier head power and functionality.</li><li>• Ensure amplifier head output impedance matches cabinet (4 ohms).</li><li>• Try a different speaker cable.</li></ul>
Distorted sound	<ul style="list-style-type: none"><li>• Amplifier head volume too high.</li><li>• Damaged speakers.</li><li>• Faulty amplifier head.</li></ul>	<ul style="list-style-type: none"><li>• Reduce amplifier head volume.</li><li>• Inspect speakers for physical damage.</li><li>• Test with a different amplifier head if possible.</li></ul>
No high frequencies	<ul style="list-style-type: none"><li>• Compression driver horn attenuator set too low.</li><li>• Damaged compression driver.</li></ul>	<ul style="list-style-type: none"><li>• Adjust the horn attenuator on the rear panel.</li><li>• Contact Fender support for service.</li></ul>

If the problem persists after trying these solutions, please contact Fender customer support or an authorized service center.

## 7. SPECIFICATIONS

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Feature	Detail
Model Name	Bassman 810 Neo Cab
Model Number	2249200000
Speakers	8 x 10" Fender Special Design Eminence Neodymium
Horn	Compression Driver Horn with Attenuator
Power Handling	2000 Watts Program, 1000 Watts Continuous
Impedance	4 Ohms
Product Dimensions (L x W x H)	53 x 32.5 x 21.5 inches
Item Weight	101 pounds
Manufacturer	Fender Musical Instruments Corp.
Date First Available	February 16, 2012

## 8. WARRANTY AND SUPPORT

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Fender products are built to high standards and are backed by a limited warranty. For detailed warranty information, please refer to the official Fender website or the warranty card included with your purchase. For technical support, service, or parts, please contact Fender Customer Support:

- **Website:** [www.fender.com/support](http://www.fender.com/support)
- **Phone:** Refer to the Fender website for regional contact numbers.

When contacting support, please have your model number (2249200000) and serial number ready.