



Manuals.plus /

- › Peavey /
- › Peavey Raptor Custom Guitar and Backstage II Amplifier User Manual

Peavey Raptor Custom Guitar & Backstage II Amplifier

Peavey Raptor Custom Guitar & Backstage II Amplifier User Manual

Model: Raptor Custom Guitar & Backstage II Amplifier

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Peavey Raptor Custom Electric Guitar and Peavey Backstage II Combo Guitar Amplifier. Please read this manual thoroughly before using your new equipment to ensure optimal performance and longevity.

The Peavey Raptor Custom Electric Guitar is designed with a solid basswood body, a 25.5-inch scale, 12-inch radius, and 22 frets, featuring wide top pole piece single coil pickups and a vintage-style steel fulcrum tremolo bridge. The Peavey Backstage II Combo Guitar Amplifier is a compact amplifier featuring Peavey's TransTube preamp technology, offering two switchable channels, a 6-inch custom-designed speaker, and essential controls for volume, overdrive, and a 2-band EQ.

2. SETUP

Follow these steps to set up your Peavey Raptor Custom Guitar and Backstage II Amplifier:

1. **Unpacking:** Carefully remove the guitar and amplifier from their packaging. Inspect both items for any signs of damage. Retain the packaging for future transport or storage.
2. **Placement:** Place the amplifier on a stable, flat surface. Ensure adequate ventilation around the amplifier.
3. **Power Connection:** Ensure the amplifier's power switch is in the 'OFF' position. Connect the supplied power cord to the amplifier's power input and then to a suitable AC power outlet.
4. **Guitar Connection:** Use a standard 1/4-inch instrument cable (not included) to connect your Peavey Raptor Custom Guitar to the 'INPUT' jack on the Peavey Backstage II amplifier.
5. **Initial Settings:** Before powering on, set the amplifier's 'VOLUME' and 'OVERDRIVE' controls to their minimum positions. Set the 'EQ' controls (HIGH and LOW) to the center (12 o'clock) position.
6. **Power On:** Flip the amplifier's power switch to the 'ON' position. The power indicator light should illuminate.



An image showing the Peavey Raptor Custom electric guitar in marine green, positioned next to the Peavey Backstage II combo guitar amplifier. The guitar features a light green body, white pickguard, and a light-colored neck and headstock. The amplifier is black with a mesh grille and control knobs visible on top.

3. OPERATING INSTRUCTIONS

3.1. Peavey Raptor Custom Electric Guitar Controls

- **Volume Knob:** Controls the overall output volume of the guitar. Turn clockwise to increase volume, counter-clockwise to decrease.
- **Tone Knobs:** Adjust the treble frequencies of the guitar's output. Turning clockwise increases brightness, counter-clockwise reduces it.
- **Pickup Selector Switch:** Allows you to select different pickup configurations (neck, middle, bridge, or combinations) to achieve various tonal characteristics.
- **Tremolo Bridge:** The vintage-style steel fulcrum tremolo bridge allows for pitch bending effects. Use the tremolo arm (if installed) to manipulate pitch.

3.2. Peavey Backstage II Amplifier Controls

- **Input Jack:** 1/4-inch input for connecting your guitar.
- **Lead/Clean Switch:** Toggles between the clean channel and the TransTube overdrive channel.
- **Overdrive Control:** (Active in Lead channel) Adjusts the amount of gain and distortion.
- **Volume Control:** Adjusts the overall output volume of the amplifier.
- **EQ Controls (High, Low):** Two-band equalizer to shape the amplifier's tone. 'High' adjusts treble frequencies, 'Low' adjusts bass frequencies.
- **Aux Input:** 1/8-inch stereo input for connecting external audio devices (e.g., MP3 player, phone) to play along with music.
- **Headphone Output:** 1/8-inch stereo output for silent practice with headphones. Connecting headphones will mute the amplifier's speaker.
- **Power Switch:** Turns the amplifier on or off.

4. MAINTENANCE

Proper maintenance ensures the longevity and performance of your equipment.

- **Cleaning:** Regularly wipe down the guitar and amplifier with a soft, dry, lint-free cloth. For the guitar, a slightly damp cloth can be used for stubborn grime, followed by a dry polish. Avoid abrasive cleaners or solvents.
- **String Replacement:** Guitar strings should be replaced periodically, depending on usage. Old strings can sound dull and affect tuning stability. Replace one string at a time to maintain neck tension.
- **Storage:** When not in use, store the guitar in a case or gig bag to protect it from dust, humidity changes, and physical damage. Store the amplifier in a dry, temperate environment.
- **Cable Care:** Always grasp the plug, not the cable, when disconnecting instrument or power cables. Avoid kinking or excessive bending of cables.

5. TROUBLESHOOTING

If you encounter issues, try these basic troubleshooting steps:

Problem	Possible Cause	Solution
No sound from amplifier	Amplifier not powered on; Volume too low; Cable issue; Guitar volume off; Headphones connected.	Check power switch and outlet; Increase amplifier and guitar volume; Test with a different cable; Disconnect headphones.
Distorted or weak sound	Incorrect gain settings; Damaged cable; Low guitar battery (if active pickups); Speaker issue.	Adjust amplifier's Overdrive/Gain; Try a different cable; Check guitar battery (if applicable); Contact support if speaker is suspected.
Excessive hum or noise	Ground loop; Nearby electronic interference; Faulty cable; Single-coil pickup hum.	Ensure all equipment is on the same circuit; Move away from other electronics; Try a different cable; This is normal for single-coil pickups, try adjusting position or using a noise gate.
Guitar not staying in tune	New strings; Improper string winding; Worn strings; Tremolo use; Environmental changes.	Stretch new strings; Ensure proper winding on tuning pegs; Replace old strings; Use tremolo sparingly or lubricate nut/bridge saddles; Allow guitar to acclimate to room temperature.

If these steps do not resolve the issue, please refer to the Warranty and Support section for further assistance.

6. SPECIFICATIONS

Key specifications for the Peavey Raptor Custom Guitar and Backstage II Amplifier:

- **Guitar Scale Length:** 25.5 inches
- **Fretboard Radius:** 12 inches
- **Number of Frets:** 22
- **Body Material:** Solid Basswood
- **Neck Material:** Basswood
- **Fretboard Material:** Basswood
- **Pickup Configuration:** Single-coil (S)
- **Bridge System:** Vintage Style Steel Fulcrum Tremolo
- **Number of Strings:** 6
- **Amplifier Channels:** 2 (Clean, TransTube Overdrive)
- **Amplifier Speaker:** 6-inch custom designed
- **Amplifier EQ:** 2-band (High, Low)
- **Aux Input:** Yes
- **Headphone Output:** Yes
- **Country of Origin:** China

7. WARRANTY AND SUPPORT

Peavey Electronics stands behind the quality of its products. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Peavey website. Warranty coverage typically includes defects in materials and workmanship under normal use.

For technical support, service, or warranty claims, please contact Peavey Electronics directly. Contact information can usually be found on the official Peavey website or within your product's packaging. When contacting support, please have your product model and serial number (if applicable) ready.

Note: Unauthorized repairs or modifications may void your warranty. Always seek professional assistance for complex issues.