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> [MOOER Micro Preamp 018 Custom 100 Digital Guitar Amp Modelling Pedal User Manual](#)

MOOER 018 Custom 100

MOOER Micro Preamp 018 Custom 100 Digital Guitar Amp Modelling Pedal User Manual

Model: 018 Custom 100

INTRODUCTION

The MOOER Micro Preamp 018 Custom 100 is a digital guitar amp modelling pedal designed to provide a wide range of authentic amplifier tones in a compact form factor. This pedal features two channels, A and B, offering versatile sound options from clean to high-gain. It is ideal for guitarists seeking a portable solution for practice, recording, or live performance.

PRODUCT OVERVIEW

The Micro Preamp 018 Custom 100 pedal is equipped with controls for Volume, Gain, Treble, Mid, and Bass, allowing for precise tone shaping. It also includes a switchable cabinet simulator for direct connection to mixers or audio interfaces. The compact design makes it easy to integrate into any pedalboard setup.



Figure 1: Top view of the MOOER Micro Preamp 018 Custom 100, highlighting the control layout.



Figure 2: Angled view of the pedal, showing input and controls.



Figure 3: Angled view of the pedal, showing output and controls.



Figure 4: Side view of the pedal, highlighting the model designation.

SAFETY INFORMATION

- Use only the specified 9V DC power supply (center negative). Incorrect power supply may damage the unit.
- Do not expose the unit to water, moisture, or excessive heat.
- Avoid dropping or subjecting the unit to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep out of reach of children.

SETUP

Connecting the Pedal

1. **Power Connection:** Connect a 9V DC (center negative) power adapter to the DC IN jack on the pedal.
2. **Input Connection:** Connect your guitar to the INPUT jack on the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the OUTPUT jack of the pedal to your amplifier's input, power amp, or audio interface using a standard 1/4-inch instrument cable.
4. **FX Loop (Optional):** If using the pedal in an amplifier's FX loop, connect the amplifier's FX Send to the pedal's INPUT, and the pedal's OUTPUT to the amplifier's FX Return.

Initial Settings

Before powering on, ensure all control knobs (Volume, Gain, Treble, Mid, Bass) are set to their minimum positions to avoid sudden loud sounds. Gradually increase the volume after the pedal is powered on and connected.

OPERATING INSTRUCTIONS

Controls and Functions

Control	Function
VOL (Volume)	Adjusts the overall output level of the pedal.
TRE (Treble)	Controls the high-frequency response of the tone.
GAIN	Adjusts the amount of overdrive/distortion.
MID (Middle)	Controls the mid-range frequency response of the tone.
BASS	Controls the low-frequency response of the tone.
CH/CAB Button	Press to switch between Channel A and Channel B. Hold to toggle the cabinet simulator on/off.
Footswitch	Toggles the pedal effect on/off. Can also be configured for A/B channel switching.

Channel Switching and Cab Simulation

- **Channel Selection:** Briefly press the CH/CAB button to switch between the two channels (A and B). Each channel can store independent settings for Volume, Gain, and EQ.
- **Cabinet Simulation:** Press and hold the CH/CAB button for approximately 2 seconds to activate or deactivate the built-in cabinet simulator. The LED indicator will change color or state to confirm. The cabinet simulator is useful when connecting directly to a mixing console, audio interface, or headphones, providing a more natural speaker-emulated sound.

Tone Shaping Tips

Experiment with the EQ knobs (Treble, Mid, Bass) to sculpt your desired tone. The Gain knob controls the amount of saturation, ranging from subtle breakup to full-on high-gain distortion. The Volume knob adjusts the overall output level, ensuring it matches your amplifier or recording setup.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal. Do not use abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power:** Disconnect the power supply when the pedal is not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Incorrect power supply; cables not connected properly; pedal bypassed.	Ensure 9V DC (center negative) power supply is used and connected. Check all instrument cables. Press footswitch to engage effect.
Weak or distorted sound	Incorrect power supply; low battery (if applicable, though this is a powered pedal); incorrect gain staging.	Verify power supply. Adjust Gain and Volume knobs. Ensure input signal is not too hot or too weak.
Excessive noise/hum	Ground loop; faulty cables; interference from other electronics.	Use isolated power supply. Try different cables. Move pedal away from power transformers or other noisy equipment.

Problem	Possible Cause	Solution
Cab sim sounds bad through guitar amp	Cab simulation is designed for full-range systems, not guitar amplifiers.	Deactivate the cabinet simulator when connecting to a traditional guitar amplifier. It should only be used when connecting to a mixer, audio interface, or full-range speaker system.

SPECIFICATIONS

- **Model:** MOOER Micro Preamp 018 Custom 100
- **Input:** 1/4" mono audio jack (Impedance: 1M Ohms)
- **Output:** 1/4" mono audio jack (Impedance: 100 Ohms)
- **Power Requirements:** 9V DC (center negative), 300mA (Power adapter not included)
- **Dimensions (D x W x H):** 3.68 x 1.65 x 2.05 inches (93.5mm x 42mm x 52mm)
- **Weight:** 6.4 ounces (160g)
- **Controls:** Volume, Gain, Treble, Mid, Bass, CH/CAB button, Footswitch
- **Features:** Dual channels, switchable cabinet simulation

WARRANTY AND SUPPORT

MOOER products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official MOOER website for detailed warranty terms and conditions. For technical support, product inquiries, or service, please contact MOOER customer service or your authorized dealer.

MOOER Official Website: www.moeraudio.com