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MOOER M001

MOOER Micro Preamp 001 Gas Station Digital Preamp Pedal User Manual

Your guide to operating and maintaining your MOOER Micro Preamp 001 Gas Station pedal.

1. Introduction

The MOOER Micro Preamp 001 Gas Station is a high-quality, dual-channel digital preamp pedal designed to emulate the sound characteristics of a boutique modern high-gain 100W amplifier. It offers extreme saturation, balanced harmonics, and a tightly focused bass response, making it suitable for heavy tone applications.

This manual provides essential information for the proper setup, operation, and maintenance of your pedal.

2. Key Features

- High-quality dual-channel preamp.
- Recreates two distinct channels from a German high-gain amplifier.
- Independent 3-band EQ (Bass, Mid, Treble), Gain, and Volume controls for each channel.
- Two operational modes for the footswitch: On/Off or Channel A/B switching.
- Integrated speaker cabinet simulation, which can be toggled on or off.

3. Setup

3.1 Power Connection

Connect a standard 9V DC power adapter (center negative) to the 'DC 9V' input jack on the top of the pedal. Ensure the power supply meets the pedal's requirements to prevent damage.

3.2 Audio Connections

The pedal features 6.35mm (1/4-inch) input and output jacks on its sides.

- **Input:** Connect your guitar or other instrument to the input jack on the right side of the pedal.
- **Output:** Connect the output jack on the left side of the pedal to your amplifier's input, a power amplifier, or an audio interface.



Figure 1: Side view of the MOOER Micro Preamp 001 Gas Station, illustrating the input and output jack locations.

4. Operating Instructions

4.1 Controls and Functions



Figure 2: Top view of the MOOER Micro Preamp 001 Gas Station, highlighting the control knobs and footswitch.

- **VOL (Volume):** Adjusts the overall output level of the selected channel.
- **TRE (Treble):** Controls the high-frequency response of the selected channel.
- **MID (Mid-range):** Controls the mid-frequency response of the selected channel.
- **BASS (Bass):** Controls the low-frequency response of the selected channel.
- **GAIN:** Adjusts the amount of drive or distortion for the selected channel.
- **CH/CAB Button (LED):** This button serves two primary functions:
  - **Channel Switching:** A short press of this button toggles between Channel A and Channel B.
  - **Speaker Cabinet Simulation Toggle:** A long press (hold for a few seconds) of this button will toggle the speaker cabinet simulation on or off. When the cab sim is ON, the LED will blink steadily. When the cab sim is OFF, the LED will remain solid.
- **Footswitch:** The main footswitch can operate in two modes:
  - **On/Off Mode:** Toggles the entire pedal effect on or off.

- **Channel A/B Mode:** Switches between Channel A and Channel B of the preamp. The specific mode of the footswitch may be set internally or via a specific boot-up sequence (refer to manufacturer's detailed guide if available).

5. Troubleshooting

5.1 No Sound or Poor Tone

- **Power Supply:** Ensure the pedal is receiving proper 9V DC power with a center-negative polarity.
- **Cable Connections:** Check all instrument cables for secure connections and proper functionality.
- **Volume Settings:** Verify that the VOL knob on the pedal and the volume on your amplifier are set appropriately.
- **Speaker Cabinet Simulation:** If connecting directly to a PA system, mixer, or audio interface, ensure the speaker cabinet simulation is ON (LED blinking steadily). If connecting to a guitar amplifier, you may prefer the cab sim OFF (LED solid) to avoid double-cabbing. Incorrect cab sim settings are a common cause of undesirable tone.
- **Channel Settings:** Ensure the GAIN and EQ knobs are adjusted to your desired settings for the active channel.

5.2 Pedal Not Responding

- **Power Cycle:** Disconnect and reconnect the power supply.
- **Footswitch Mode:** Confirm the footswitch is in the desired operational mode (On/Off or Channel A/B).

6. Specifications

Specification	Value
Brand	MOOER
Model Number	M001
Item Weight	6.3 ounces (0.18 Kilograms)
Package Dimensions	4.21 x 2.4 x 1.85 inches
Compatible Devices	Guitar
Connector Type	6.35mm Jack
Material	Metal
Power Source	Corded Electric (DC 9V, center negative)
Date First Available	March 13, 2018

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Handling:** Handle the pedal with care to prevent damage to knobs, jacks, and the footswitch.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official MOOER website or contact your authorized MOOER dealer. Keep your purchase receipt as proof of purchase for warranty claims.

9. Official Product Videos

No official product videos from the seller were provided in the product data for this manual.

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