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## MOOER M007

# MOOER Regal Tone Micro Preamp (M007)

User Manual

## Introduction

The MOOER Micro Preamp series offers sonically accurate digital recreations of the preamp sections of popular tube amplifiers. Utilizing advanced technology, these preamps capture the sound, dynamics, and response of real tube amplifiers. Each Micro Preamp features dual channels, integrated speaker cabinet simulation, and dual operating modes to accommodate various user needs.

## Features

- High quality dual channel preamp.
- Independent 3-band EQ, gain, and volume controls for each channel.
- Switchable speaker cabinet simulation (on/off).
- Two different modes for footswitch operation: On/Off or Channel A/B.
- Designed to deliver boutique vintage tone perfection.

## Setup

Follow these steps to set up your MOOER Regal Tone Micro Preamp:

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.
2. **Input Connection:** Connect your guitar or other instrument to the "INPUT" jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the "OUTPUT" jack on the left side of the pedal to your amplifier's input, effects loop return, or audio interface using a standard 1/4-inch instrument cable.
4. **Placement:** For optimal performance, place the Micro Preamp early in your signal chain, typically before time-based effects like delay or reverb, but after any overdrive or distortion pedals you wish to use to push the preamp.




*Figure 1: Side view of the Regal Tone Micro Preamp, highlighting the input, output, and power connections. The input jack is on the right, output on the left, and the DC 9V power input is at the top.*

## Operating Instructions

The MOOER Regal Tone Micro Preamp offers intuitive controls for shaping your tone:




TRE
MID
BASS
007
VOL
GAIN
CH/CAB
MOOGER

*Figure 2: Top panel of the Regal Tone Micro Preamp, displaying the control knobs, CH/CAB button, and footswitch.*

- **VOL (Volume) Knob:** Controls the overall output level of the selected channel.
- **GAIN Knob:** Adjusts the amount of gain or distortion for the selected channel.
- **TRE (Treble) Knob:** Controls the high-frequency response of the selected channel.
- **MID (Middle) Knob:** Controls the mid-range frequency response of the selected channel.
- **BASS Knob:** Controls the low-frequency response of the selected channel.
- **CH/CAB Button:**
  - **Short Press:** Switches between Channel A (clean) and Channel B (overdrive/distortion). The LED indicator will change color (e.g., blue for clean, red for dirty).
  - **Long Press:** Toggles the speaker cabinet simulation on or off. This is useful when connecting directly to a mixer, audio interface, or headphones, providing a more natural amplified sound. Turn it off when connecting to a guitar amplifier's input.
- **Footswitch:** The footswitch has two operating modes:
  - **On/Off Mode:** In this mode, pressing the footswitch toggles the entire pedal effect on or off.
  - **Channel A/B Mode:** In this mode, pressing the footswitch switches between Channel A and Channel B. This allows for quick switching between clean and dirty tones during performance.

  *Refer to the product's quick start guide or MOOER's official website for instructions on how to switch between these footswitch modes, as this functionality is typically set via a power-up sequence or internal dip switch.*

## Maintenance

To ensure the longevity and optimal performance of your MOOER Regal Tone Micro Preamp, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners, solvents, or waxes, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Power:** Always disconnect the power supply when the pedal is not in use or during thunderstorms to prevent electrical damage.
- **Handling:** Handle the pedal with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal circuitry or external components.

## Troubleshooting

If you encounter issues with your MOOER Regal Tone Micro Preamp, consult the following common troubleshooting tips:

| Problem | Possible Cause / Solution |
| --- | --- |
| No sound or weak signal. | Check all cable connections (input, output, power) to ensure they are secure.<br>Verify the power supply is correctly connected and providing the correct voltage (9V DC, center negative).<br>Ensure the pedal is engaged (footswitch LED is on).<br>Check the volume and gain knobs on the pedal and your amplifier.<br>Test with different cables or a different power supply. |

| Problem | Possible Cause / Solution |
|---|---|
| Undesired noise or hum. | Ensure you are using a regulated power supply designed for guitar pedals.<br>Check for ground loops; try plugging all equipment into the same power strip.<br>Move the pedal away from power transformers or other electronic devices that may cause interference.<br>Ensure guitar cables are shielded and in good condition. |
| Tone is too bright/dark or muddy. | Adjust the TRE, MID, and BASS EQ knobs on the pedal.<br>If using with an amplifier, adjust the amplifier's EQ settings.<br>Ensure the speaker cabinet simulation is set appropriately (on for direct connection, off for guitar amp input). |

## Specifications

| | |
|---|---|
| **Model Number** | M007 |
| **Dimensions (L x W x H)** | 4.1 x 1.9 x 2.3 inches |
| **Item Weight** | 6.4 ounces (approx. 0.4 Pounds) |
| **Power Requirement** | 9V DC (center negative), Corded Electric |
| **Signal Format** | Digital |
| **Number of EQ Bands** | 3 (Treble, Mid, Bass) |
| **Hardware Interface** | MicroSD *(Note: This specification may refer to internal firmware or data storage, not an external user-accessible slot.)* |
| **Output Wattage** | 20 Watts *(Note: This is unusual for a preamp pedal and may refer to a recommended amplifier output or internal processing power.)* |

## Warranty and Support

MOOER products are designed and manufactured to high quality standards. For information regarding warranty coverage, technical support, or service, please visit the official MOOER website or contact your authorized MOOER dealer. Keep your purchase receipt as proof of purchase for warranty claims.
**Official MOOER Website:** www.mooeraudio.com

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Product Model: M007

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