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› [MOOER](#) /

› [MOOER Micro Preamp M013 Matchbox Guitar Pedal Instruction Manual](#)

MOOER M013 Matchbox

MOOER Micro Preamp M013 Matchbox Guitar Pedal Instruction Manual

Model: M013 Matchbox | Brand: MOOER

1. INTRODUCTION

The MOOER Micro Preamp M013 Matchbox is a compact digital preamp pedal designed to accurately recreate the sound and feel of a Matchless amplifier. It features dual channels (Clean and Gain), a 3-band EQ, and an integrated cabinet simulator, making it suitable for direct recording, practice, or integration into a pedalboard setup.

2. SAFETY INFORMATION

- Use only the specified 9V DC power adapter (center negative).
- Do not expose the unit to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the pedal to strong impacts.
- Do not attempt to disassemble or modify the unit.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The M013 Matchbox pedal features a robust metal casing and intuitive controls for shaping your tone.



Figure 1: Top-down view of the MOOER Micro Preamp M013 Matchbox pedal, illustrating the layout of controls and jacks.

Controls:

- **VOL (Volume):** Adjusts the overall output level of the selected channel.
- **TRE (Treble):** Controls the high-frequency response.
- **MID (Middle):** Controls the mid-frequency response.
- **BASS (Bass):** Controls the low-frequency response.
- **GAIN:** Adjusts the amount of overdrive/distortion for the selected channel.
- **CH/CAB Switch:** This toggle switch has two functions:
 - In normal operation, it switches between the Clean and Gain channels.
 - When holding down the footswitch, it toggles the cabinet simulator on/off.
- **Footswitch:** Toggles between the two channels (Clean/Gain) or bypasses the pedal.

Connections:



Figure 2: Input Jack (left side)



Figure 3: Output Jack (right side)



Figure 4: DC 9V Power Input

- **Input Jack:** Connect your guitar or other instrument here.
- **Output Jack:** Connect to your amplifier, mixer, or audio interface.
- **DC 9V:** Power input for a 9V DC (center negative) power supply.

4. SETUP

1. Connect your guitar to the **Input Jack** on the right side of the pedal.
2. Connect the **Output Jack** on the left side of the pedal to your amplifier's input, a mixer, or an audio interface.
3. Connect a 9V DC (center negative) power adapter to the **DC 9V** input.
4. Ensure all connections are secure before powering on your amplifier or audio system.

5. OPERATING INSTRUCTIONS

Channel Selection:

The M013 Matchbox offers two distinct channels: Clean and Gain. Use the **CH/CAB switch** to toggle between these channels. The LED indicator will change color to show the active channel (typically blue for Clean, red for Gain).

Cabinet Simulator:

The integrated cabinet simulator can be toggled on or off. To activate or deactivate the cabinet simulator, press and hold the **Footswitch** for approximately 1 second. The LED will flash to indicate the change in status.

Tone Shaping:

Adjust the **VOL**, **TRE**, **MID**, **BASS**, and **GAIN** knobs to achieve your desired tone for each channel. Experiment with different settings to explore the full range of sounds this pedal can produce.

Footswitch Functionality:

A quick press of the **Footswitch** will toggle between the currently selected channel and bypass mode. The LED will indicate whether the pedal is active or bypassed.

Demonstration Video:

Video 1: Official MOOER demonstration of the Micro Preamp M013 Matchbox, showcasing both Clean and Gain channels with and without cabinet simulation. This video provides examples of the pedal's tonal capabilities.

6. MAINTENANCE

- Clean the pedal with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the pedal in a dry environment away from direct sunlight and extreme temperatures.
- Regularly check cable connections for wear and tear.

7. TROUBLESHOOTING

No Power:

- Ensure the 9V DC power adapter is correctly connected and functioning.
- Verify that the power outlet is active.

No Sound:

- Check all cable connections (guitar to input, output to amp/mixer).
- Ensure the pedal is not in bypass mode (check LED indicator).
- Verify that the volume knobs on the pedal and your amplifier are turned up.
- Test with different cables and a different power supply if possible.

Unwanted Noise/Hum:

- Ensure you are using a regulated 9V DC (center negative) power supply. Unregulated power supplies can introduce noise.
- Check for ground loops by trying different power outlets or isolating the pedal's power.
- Keep the pedal away from other electronic devices that may cause interference.

8. SPECIFICATIONS

- **Item Weight:** 5.8 ounces (165 Grams)
- **Product Dimensions:** 3.58 x 1.26 x 1.42 inches
- **Power Source:** Corded Electric
- **Voltage:** 9 Volts DC

- **Output Wattage:** 30 Watts (referring to the amp model it simulates, not the pedal's power output)
- **Connector Type:** 6.35mm Jack
- **Compatible Devices:** Guitar
- **Color:** Black

9. WARRANTY AND SUPPORT

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