

MOOER MMPA18

MOOER Micro Preamp 18 Custom 100 (MMPA18) Instruction Manual

1. PRODUCT OVERVIEW

The MOOER Micro Preamp 18 Custom 100 (MMPA18) is a compact digital preamp pedal designed to accurately recreate the sound, dynamics, and response of popular tube amplifiers. Utilizing advanced digital technology, this pedal offers a versatile solution for guitarists seeking high-quality amplifier tones in a miniature form factor.

Key features include dual channels for diverse tonal options, an integrated speaker cabinet simulation for direct recording or PA connection, and dual operating modes to adapt to various performance and recording setups.

2. FEATURES

- Sonically accurate digital recreations of classic tube amplifier preamp sections.
- Dual channels for versatile clean and gain tones.
- Integrated speaker cabinet simulation for direct output.
- Dual operating modes to suit various user needs.
- Compact and durable design.

3. CONTROLS AND CONNECTIONS



Figure 1: Top view of the MOOER Micro Preamp 18 Custom 100, highlighting the control knobs and footswitch.



Figure 2: Side view of the MOOER Micro Preamp 18 Custom 100, illustrating the 1/4" input and output jacks.

Controls:

- **VOL (Volume):** Adjusts the overall output level of the preamp.
- **TRE (Treble):** Controls the high-frequency response.
- **MID (Middle):** Adjusts the mid-range frequency response.
- **GAIN:** Controls the amount of overdrive/distortion.
- **BASS:** Adjusts the low-frequency response.
- **CH/CAB (Channel/Cabinet Simulation Switch):** This switch serves two functions:
 - In normal operation, it switches between the two available channels (e.g., Clean and Gain).
 - When held down, it toggles the integrated speaker cabinet simulation on or off.
- **Footswitch:** Engages or bypasses the pedal.

Connections:

- **Input Jack (1/4" / 6.35mm):** Connect your guitar or other instrument here.
- **Output Jack (1/4" / 6.35mm):** Connect to your amplifier, audio interface, or other effects pedals.
- **DC 9V Input:** Connect a 9V DC power adapter (center negative, 300mA minimum).
- **USB 2.0 (Hardware Interface):** For firmware updates or potential software integration.

4. SETUP AND OPERATION

Initial Setup:

1. Ensure your amplifier and other audio equipment are turned off.
2. Connect your guitar to the **Input Jack** of the MMPA18.
3. Connect the **Output Jack** of the MMPA18 to the input of your amplifier or audio interface.
4. Connect a 9V DC power adapter (center negative, 300mA minimum) to the **DC 9V Input**.
5. Turn on your amplifier and other audio equipment.

Basic Operation:

- **Engaging/Bypassing:** Press the footswitch to turn the preamp effect on or off. The LED indicator will illuminate when the effect is active.
- **Channel Switching:** Briefly press the **CH/CAB** switch to toggle between the two channels (e.g., a clean channel and a gain channel). The LED color or state may change to indicate the active channel.
- **Cabinet Simulation:** Press and hold the **CH/CAB** switch for a few seconds to activate or deactivate the integrated speaker cabinet simulation. This is particularly useful when connecting directly to a mixing console, audio interface, or headphones, providing a more natural, mic'd cabinet sound.
- **Adjusting Tone:** Use the **VOL**, **TRE**, **MID**, **GAIN**, and **BASS** knobs to sculpt your desired tone. Experiment with different settings for each channel.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Supply:** Always use a compatible 9V DC (center negative) power supply with a minimum of 300mA. Using an incorrect power supply can damage the unit and void the warranty.
- **Connections:** Periodically check all cable connections for wear and tear. Ensure jacks are free of dust and debris.

6. TROUBLESHOOTING

- **No Sound:**
 - Check all cable connections (guitar, pedal, amplifier, power supply).
 - Ensure the power supply is correctly connected and providing power.
 - Verify the pedal is engaged (LED illuminated).
 - Check the volume settings on the pedal and your amplifier.
- **Poor Sound Quality / Excessive Noise:**
 - Ensure all cables are in good condition and properly shielded.
 - Try a different power supply to rule out power-related noise.
 - Adjust the GAIN knob; very high gain settings can introduce noise.
 - If using the cabinet simulation, ensure it is appropriate for your output device.

- Ensure the pedal is not placed too close to power transformers or other sources of electromagnetic interference.
- **Pedal Not Responding:**
 - Disconnect and reconnect the power supply.
 - If issues persist, contact MOOER support.
- **Overheating:** While normal operation may cause some warmth, excessive heat could indicate an issue. Ensure proper ventilation and use the correct power supply. If the pedal becomes unusually hot, discontinue use and contact support.

7. SPECIFICATIONS

Specification	Value
Model Number	MMPA18
Item Weight	5.8 ounces (165 Grams)
Product Dimensions	3.54 x 3.54 x 3.54 inches
Compatible Devices	Musical Instrument(s)
Connector Type	1/4" (6.35mm) Jack, 1/8" (3.5mm) Jack
Hardware Interface	USB 2.0
Signal Format	Digital
Output Wattage	100 Watts
Power Source	AC adapter
Voltage	9 Volts
Brand	MOOER
Color	Mehrfarbig

8. WARRANTY AND SUPPORT

MOOER products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official MOOER website. In case of any issues or technical support needs, please contact MOOER customer service through their official channels.

For further assistance, you may visit the [MOOER Store on Amazon](#).