

MOOER 002

MOOER Micro Preamp 002 UK Gold 900 Digital Guitar Preamp User Manual

Model: 002 UK Gold 900 | Brand: MOOER

1. INTRODUCTION

The MOOER Micro Preamp 002 UK Gold 900 is a high-quality dual-channel digital preamp designed to emulate the classic British crunch sound. It offers versatile tone shaping with independent 3-band EQ, Gain, and Volume controls for each channel, along with switchable speaker cabinet simulation. Its compact size makes it ideal for any pedalboard, providing powerful and precise tone for both live performances and studio recording.

This manual provides detailed instructions for setting up, operating, and maintaining your Micro Preamp 002 UK Gold 900 to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW



Figure 1: Top view of the MOOER Micro Preamp 002 UK Gold 900, showing control knobs and footswitch.



Figure 2: Angled view of the MOOER Micro Preamp 002 UK Gold 900, highlighting its compact design.



Figure 3: Side view of the MOOER Micro Preamp 002 UK Gold 900, showing input/output jacks.

3. SETUP

3.1 Power Connection

- Connect a 9V DC power adapter (center negative, 300mA minimum) to the **DC 9V** input jack on the top of the unit.
- Ensure the power supply meets the specifications to prevent damage.

3.2 Audio Connections

- Connect your guitar to the **INPUT** jack on the right side of the preamp.
- Connect the **OUTPUT** jack on the left side of the preamp to your amplifier's input, power amp, or audio interface.
- For direct recording or connecting to a PA system, ensure the speaker cabinet simulation is engaged (see section 4.3).

4. OPERATING INSTRUCTIONS

4.1 Controls and Functions

- **VOL (Volume):** Adjusts the overall output volume of the selected channel.
- **TRE (Treble):** Controls the high-frequency response.
- **MID (Middle):** Controls the mid-range frequency response.
- **BASS:** Controls the low-frequency response.
- **GAIN:** Adjusts the amount of overdrive/distortion.
- **CH/CAB (Channel/Cabinet):** This button serves two functions:
 - Short press: Switches between Channel A and Channel B.
 - Press and hold: Toggles the speaker cabinet simulation on or off. The LED will blink steadily when cab sim is ON, and remain solid when OFF.
- **Footswitch:**

- **Mode 1 (On/Off):** A single press turns the preamp effect on or off.
- **Mode 2 (Channel A/B):** A single press switches between Channel A and Channel B.

4.2 Footswitch Operation Modes

The footswitch has two operational modes. To switch between modes:

1. Disconnect the power supply.
2. Press and hold the footswitch.
3. Reconnect the power supply while holding the footswitch.
4. The LED will indicate the current mode:
 - **Red LED:** On/Off Mode
 - **Blue LED:** Channel A/B Mode

4.3 Speaker Cabinet Simulation

The Micro Preamp 002 features an integrated speaker cabinet simulation. This is particularly useful when connecting directly to a mixing console, audio interface, or headphones, providing a more natural and "amp-like" sound without needing a physical speaker cabinet.

- To toggle the cabinet simulation: Press and hold the **CH/CAB** button for a few seconds.
- The LED indicator will blink steadily when the cabinet simulation is active (ON).
- The LED indicator will remain solid when the cabinet simulation is inactive (OFF).

4.4 Tone Characteristics: 002 UK Gold 900

The 002 UK Gold 900 captures the essence of classic British crunch. It is based on a staple of in-house amplification found in venues and studios worldwide, known for its characteristic mid-bite that defined modern rock music. Experiment with the EQ and Gain controls to achieve your desired classic rock and metal tones.

Official Product Video: MOOER Micro Preamp 002 UK Gold 900

Your browser does not support the video tag.

Video Description: This video demonstrates the sound characteristics of the MOOER Micro Preamp 002 UK Gold 900. It showcases both clean and high-gain tones, illustrating the preamp's versatility and its ability to deliver classic British rock sounds. The video also highlights the control settings for different tones.

5. MAINTENANCE

- Keep the unit clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Protect the unit from extreme temperatures, humidity, and direct sunlight.
- Avoid dropping the unit or subjecting it to strong impacts.
- When not in use for extended periods, disconnect the power supply.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------|---|--|
| No Sound | Incorrect power supply, loose cables, volume knobs set to zero. | Check power adapter (9V DC, center negative), ensure all cables are securely connected, verify volume and gain settings. |

| Problem | Possible Cause | Solution |
|---------------------------|--|---|
| Unwanted Noise/Hum | Ground loop, faulty cables, interference from other electronics. | Use a high-quality isolated power supply. Try different cables. Move the unit away from other electronic devices. |
| Footswitch not responding | Incorrect footswitch mode, internal issue. | Verify the footswitch mode (On/Off or Channel A/B). If the issue persists, contact support. |
| Tone is too harsh/muddy | EQ settings, speaker cabinet simulation status. | Adjust the TRE, MID, and BASS knobs. Experiment with turning the speaker cabinet simulation on/off, especially when connecting to different types of amplification. |

7. SPECIFICATIONS

- **Item Weight:** 2.89 ounces
- **Package Dimensions:** 4.2 x 2.4 x 1.8 inches
- **Item Model Number:** MPA002_19
- **Color Name:** 002 UK Gold 900
- **Compatible Devices:** Guitar
- **Connector Type:** 6.35mm Jack
- **Material Type:** Metal
- **Output Wattage:** 10 Watts
- **Power Source:** Corded Electric
- **Brand:** MOOER
- **First Available Date:** January 23, 2019


8. WARRANTY AND SUPPORT






MOOER products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official MOOER website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

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

© 2025 MOOER. All rights reserved.

Related Documents - 002

| | |
|---|--|
|  | <p>MOOER PREAMP MODEL X Owner's Manual and User Guide</p> <p>Comprehensive owner's manual for the MOOER PREAMP MODEL X digital preamp pedal, detailing features, setup, operation, software usage, effect lists, and technical specifications. Learn how to use your MOOER PREAMP MODEL X for optimal guitar tone.</p> |
|---|--|

| | |
|---|---|
|  | <p>MOOER PREAMP LIVE V3 Owner's Manual</p> <p>Discover the capabilities of the MOOER PREAMP LIVE V3 with this comprehensive owner's manual. Learn about its 12 channels, TONE CAPTURE technology, programmable effects loop, MIDI integration, and mobile app control for versatile guitar tone shaping in live performances and studio settings.</p> |
|  | <p>MOOER Hornet 05i Intelligent Amp User Manual</p> <p>Comprehensive user manual for the MOOER Hornet 05i Intelligent Amp, covering safety precautions, features, connections, quick start guide, app integration, footswitch control, effects list, and technical specifications.</p> |
|  | <p>MOOER GE150 Guitar Effects Processor</p> <p>MOOER GE150 Guitar Effects Processor . , , , , , , .</p> |
|  | <p>MOOER BLACK TRUCK Combined Effects Pedal Owner's Manual</p> <p>Owner's manual for the MOOER BLACK TRUCK combined effects pedal, detailing its features, operation modes, effect modules (Compressor, Overdrive, Distortion, EQ, Modulation, Delay/Reverb), tap tempo, FX loop, and connections for guitarists.</p> |
|  | <p>MOOER GE Labs Quick Guide</p> <p>A quick guide to the MOOER GE Labs application, covering connections, main display features, preset editing, tuner, metronome, footswitches, global EQ, MOOER Cloud, and system settings.</p> |