MOOER M721

MOOER Preamp Model X2 Instruction Manual

Model: M721
Brand: MOOER

Introduction

The MOOER Preamp Model X2 is a dual-channel digital preamp pedal designed for guitarists seeking versatile tone options. It utilizes MOOER's unique MNRS sampling technology to provide a wide range of preamp models and cabinet simulations. This manual provides essential information for setting up, operating, and maintaining your Preamp Model X2.

What's in the Box

- Owner's manual
- USB TYPE-C to TYPE-A cable
- DC 9V power supply
- Sticker

Product Overview


DC 9V
1
2
3
4
5
6
7
GAIN
TREBLE
LEVEL
MID
SAVE
BASS
PREAMP
MODEL X X2
INPUT
MODE
CH A
CH B
MOOER

Figure 1: Front view of the MOOER Preamp Model X2 pedal, showcasing its control knobs and footswitches.

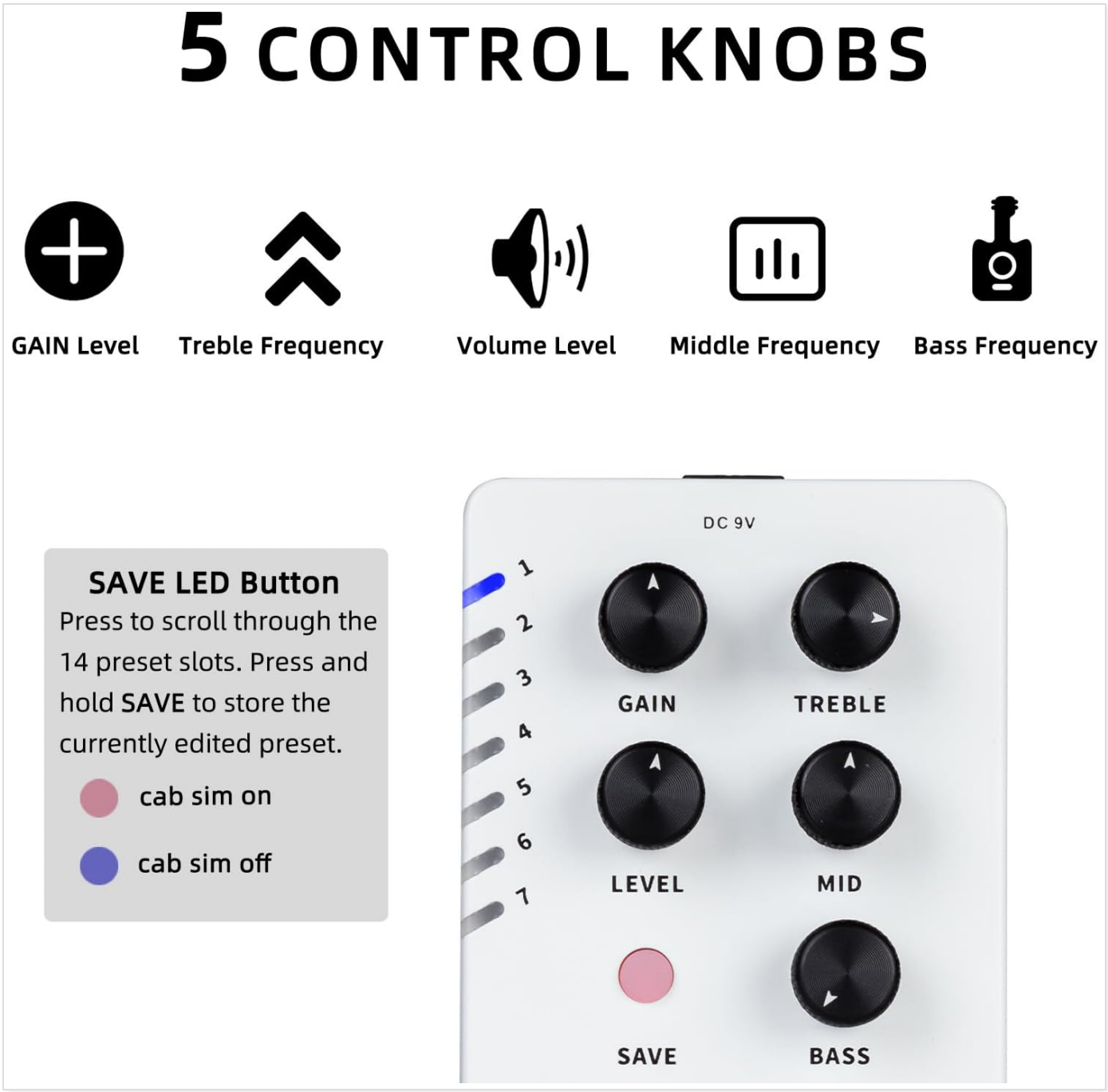


Figure 2: Detail of the five control knobs: Gain, Treble, Level, Mid, and Bass.



Figure 3: The dual footswitches (CH A and CH B) allow for toggling channels or scrolling through presets.



Figure 4: Rear view of the pedal, showing the USB-C port for connectivity and the 9V 300mA power input.

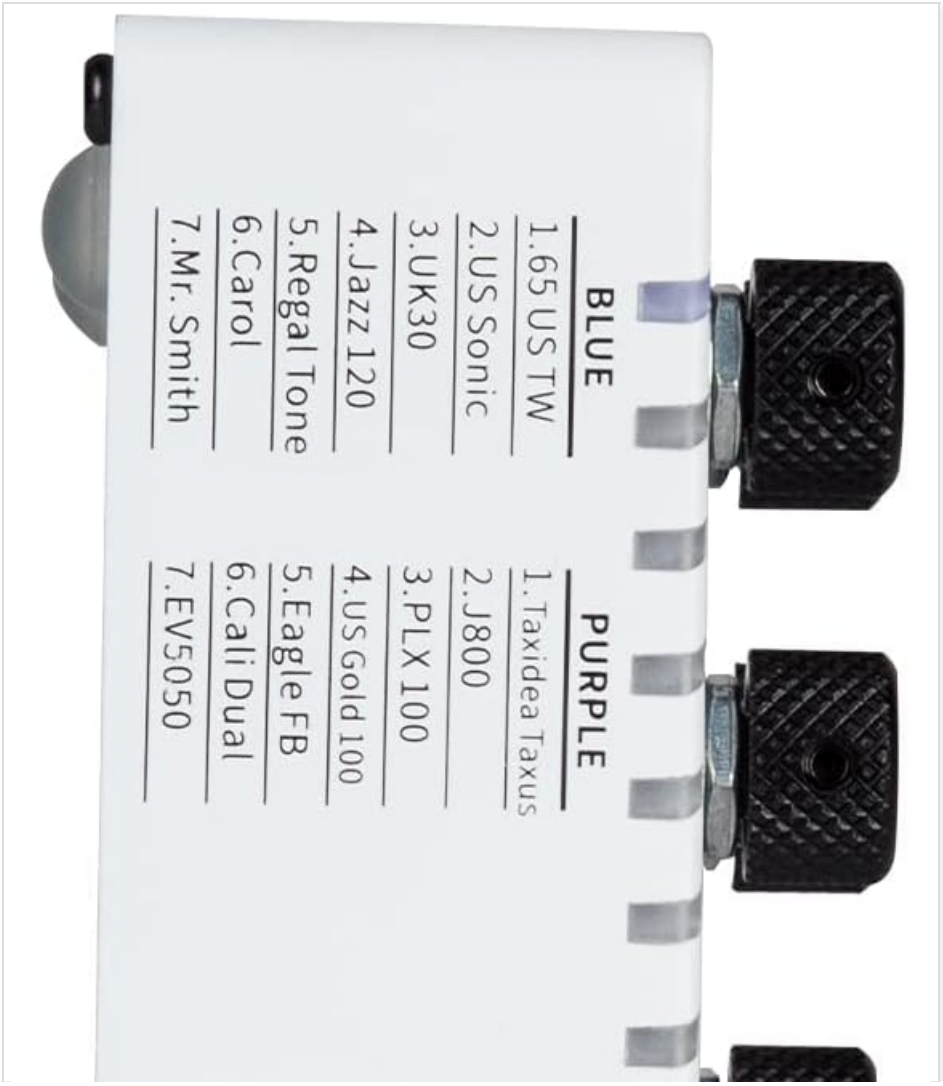




Figure 5: Side view displaying the output jack and a list of the 14 built-in preamp models.

Setup

Power Connection

Connect the included DC 9V power supply to the 9V 300mA input jack on the rear of the pedal. Ensure the power source provides stable 9V DC with a minimum of 300mA.

Audio Connections

- Connect your guitar to the INPUT jack on the right side of the pedal.
- Connect the OUTPUT jack on the left side of the pedal to your amplifier, audio interface, or other effects pedals.

Software Installation (Optional but Recommended)

For full functionality, including preset management, IR loading, and firmware updates, download and install the specialized editor software from the official MOOER website. Connect the pedal to your computer using the provided USB TYPE-C to TYPE-A cable.



Figure 6: The Preamp Model X2 connected to the MOOER STUDIO editor software for advanced control and customization.

Operating Instructions

Basic Operation

- **Power On/Off:** The pedal powers on automatically when connected to a power supply. Disconnect power to turn off.
- **Footswitches (CH A / CH B):**
  - In normal mode, press the left footswitch (CH A) to toggle channel A on/off.
  - Press the right footswitch (CH B) to toggle channel B on/off.
  - The corresponding LED will illuminate when the channel is active.
- **Preset Selection:**
  - Press both footswitches simultaneously to enter preset mode. The footswitch LEDs will blink.
  - Press either footswitch to scroll through the 14 preset slots.

    - The footswitch LEDs will stop blinking once a preset is selected.

- **Save Button:** Press the SAVE button to scroll through the 14 preset slots. Press and hold the SAVE button to store the currently edited preset. The color of the SAVE LED indicates the cabinet simulation status: BLUE for cab sim off, Red for Cab sim on.

Your browser does not support the video tag.

Video 1: Demonstrates the functionality of the MOOER Stereo Cab Sim Cab X2 and Stereo Preamp X2 pedals, including switching channels and selecting presets.

Advanced Features

- **14 Preamp Models:** The pedal includes 14 preset slots, each capable of storing two different channel settings (A and B).
- **Cabinet Simulation:** Features 3 global cabinet simulation files. It also supports loading third-party impulse response (IR) files or GIR files for expanded tonal options.
- **MOOER STUDIO Software:** Use the specialized editor software for comprehensive preset management, IR loading, and firmware updates. This allows you to load MNRS, GNR, and GIR files to expand your tonal palette.

Maintenance

- Keep the pedal clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel for any repairs.

Troubleshooting

Problem	Possible Cause	Solution
No Sound Output	Incorrect cable connections, no power, volume knobs set to zero.	Check all audio cables and power supply. Ensure volume/level knobs are not at minimum.
Footswitch LEDs not responding	Power issue, or pedal is in an unexpected mode.	Verify power connection. Try pressing both footswitches to enter/exit preset mode.
Software connection issues	Incorrect USB cable, driver issues, software not updated.	Ensure correct USB cable is used. Reinstall MOOER STUDIO software and check for latest drivers/firmware.
Unwanted noise/hum	Ground loop, faulty cables, interference from other devices.	Use isolated power supply. Try different cables. Move pedal away from power sources or other electronics.
Cannot save presets	SAVE button not held long enough.	Press and hold the SAVE button until the LED confirms saving.
Tone is not as expected	Incorrect preamp model or cabinet simulation selected.	Adjust GAIN, TREBLE, MID, BASS, and LEVEL knobs. Experiment with different preamp models and cabinet simulations. Ensure cab sim is enabled if desired.

Problem	Possible Cause	Solution
Firmware update failed	Interrupted connection, incorrect firmware file.	Ensure stable USB connection. Download correct firmware from MOOER website and follow update instructions carefully.

Specifications

- **Item Weight:** 1.05 pounds
- **Package Dimensions:** 5.63 x 5.16 x 3.11 inches
- **Model Number:** M721
- **Color Name:** Preamp X2
- **Connector Type:** 1/4 inch mono jack
- **Hardware Interface:** 1/4-inch Audio
- **Signal Format:** Digital
- **Power Source:** Corded Electric
- **Voltage:** 9 Volts
- **Brand:** MOOER
- **Style:** Preamp
- **Amperage:** 28 Amps
- **Date First Available:** November 19, 2021

Warranty and Support

For warranty information and technical support, please refer to the official MOOER website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

© 2024 MOOER. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question