

MOOER GE150 Max

MOOER GE150 Max Guitar Amp Modelling Multi-Effects Pedalboard

Instruction Manual

1. PRODUCT OVERVIEW

The MOOER GE150 Max is a compact and powerful guitar amp modelling and multi-effects pedalboard designed for a wide range of applications, including studio recording, practice, and live performances. It integrates advanced sound processing technologies with intuitive controls to offer a comprehensive tonal solution for guitarists.



Figure 1: Front view of the MOOER GE150 Max Multi-Effects Pedalboard.

2. KEY FEATURES

- **Advanced Amp Modelling:** Features 55 classic amp preamps based on MOOER's in-house MNRS modelling technology, delivering realistic emulations of amplifier tones.

- **Extensive Effects Library:** Offers 200 preset slots across 50 banks (4 presets each), with various models of delay, reverb, and modulation effects.
- **Cabinet Simulations:** Includes 26 high-quality cabinet simulations and supports loading of third-party Impulse Responses (IRs). AMP and CAB modules each have 20 slots for MOOER MNRS sample files.
- **Enhanced Control:** Equipped with 8 multi-purpose footswitches for browsing presets and triggering functions, including a new CTRL mode for granular control over individual modules.
- **Integrated Expression Pedal:** Allows real-time control over tone, effect parameters, and output volume.
- **Seamless Transitions:** Features a "SPILL-OVER" function to ensure delay and reverb effect tails fade out naturally when switching presets.
- **Rhythm Tools:** Includes an 80-second looper and a 40-style drum machine with 10 metronomes. The "Tap" footswitch can be used for accurate BPM determination.
- **Versatile Connectivity:** Supports stereo balanced XLR outputs, mono 1/4" inputs/outputs, AUX input, and USB-C for tone editing, recording, and firmware updates.

3. PANEL INTRODUCTION

3.1 Top Panel Controls



Figure 2: Detailed view of the GE150 Max top panel.

- **Master Knob:** Controls the overall output volume.
- **Select Knob:** Used for navigating menus and selecting parameters.
- **Mode Knob:** Used for adjusting parameter values.
- **Play/Save/EXP Buttons:** Dedicated buttons for playback, saving presets, and expression pedal functions.
- **FX/DS/AMP/CAB/NS/EQ/MOD/DLY/REV Buttons:** Quick access buttons for activating/deactivating and editing individual effect modules.
- **Tap/Rhythm/System Buttons:** Access tap tempo, drum machine, and global system settings.

- **Footswitches (A, B, C, D):** Multi-purpose footswitches for preset selection, module control (in CTRL mode), tuner activation (A+B hold), and looper control (B+C hold).
- **Expression Pedal:** Integrated pedal for real-time control of various parameters.

3.2 Rear Panel Connections



THE STAGE'S LONG-DISTANCE SOLUTION



- Mono 1/4" inputs and outputs
- XLR balanced output
- AUX input port for external audio playback
- USB-C port for tone editing, recording, firmware updates
- USB OTG mobile device connectivity

Figure 3: Rear panel connections of the MOOER GE150 Max.

- **Input:** 1/4" mono input for your guitar.
- **Output (L/Mono, R):** 1/4" mono/stereo outputs for connecting to an amplifier or other audio devices.
- **XLR Out (L, R):** Balanced XLR outputs for direct connection to a PA system or audio interface.
- **GND Lift Switch:** Helps eliminate ground loop hum.
- **Phones:** 1/8" stereo headphone output for silent practice.
- **AUX In:** 1/8" stereo input for connecting external audio sources (e.g., music player).

- **USB-C:** For connecting to a computer for tone editing, recording, and firmware updates.
- **DC IN:** 9V power input (corded electric).

4. SETUP

4.1 Power Connection

1. Connect the included 9V DC power adapter to the "DC IN" jack on the rear panel.
2. Plug the power adapter into a suitable power outlet.

4.2 Basic Audio Connections

1. Connect your guitar to the "INPUT" jack using a 1/4" instrument cable.
2. For connecting to a guitar amplifier: Use a 1/4" instrument cable from the "OUTPUT L/MONO" jack to your amplifier's input.
3. For connecting to a PA system or audio interface: Use XLR cables from the "XLR OUT L" and "XLR OUT R" jacks to the respective inputs on your PA system or audio interface.
4. For silent practice: Connect headphones to the "Phones" jack.

4.3 External Audio Source

To play along with backing tracks or music, connect your external audio device (e.g., smartphone, MP3 player) to the "AUX IN" jack using a 1/8" stereo cable.

5. OPERATION

5.1 Powering On/Off

Press the power switch on the rear panel to turn the unit ON or OFF.

5.2 Preset Selection

The GE150 Max organizes presets into banks. Use the footswitches to navigate:

- Press footswitches A, B, C, or D to select individual presets within the current bank.
- Press footswitches A and B simultaneously to move down to the previous bank.
- Press footswitches B and C simultaneously to move up to the next bank.

5.3 Effect Module Control

The dedicated FX, DS, AMP, CAB, NS, EQ, MOD, DLY, and REV buttons allow quick access to individual effect modules:

- Press a module button to toggle its ON/OFF status.
- Press and hold a module button to enter its editing menu, where you can adjust parameters using the Select and Mode knobs.

5.4 CTRL Mode

In CTRL mode, you can assign specific functions or module ON/OFF states to the footswitches for more dynamic live control. Refer to the full manual for detailed setup instructions.

5.5 Expression Pedal

The integrated expression pedal can be assigned to control various parameters:

- Use the EXP button to cycle through assigned functions (e.g., volume, wah, pitch shift).
- Move the pedal to adjust the parameter in real-time.

5.6 Looper and Drum Machine

The GE150 Max includes a looper and drum machine for practice and creative use:

- Press footswitches B and C simultaneously and hold to access the Looper/Drum Machine interface.
- Use the on-screen controls and footswitches to record, play, stop, and select drum patterns.

5.7 Tuner

To activate the built-in tuner, press footswitches A and B simultaneously and hold. The display will show the tuning interface. You can mute your signal or allow it to pass through while tuning.

5.8 Saving Presets

After adjusting your tone, press the "SAVE" button to store your changes to a preset slot. Follow the on-screen prompts to name and confirm your save.

6. SPECIFICATIONS







Specification	Value
Item Weight	3.6 pounds
Product Dimensions	12.83 x 2.48 x 2.83 inches
Item Model Number	GE150 Max
Power Source	Corded Electric
Voltage	9 Volts
Hardware Interface	1/4-inch Audio, 3.5mm Audio, USB
Signal Format	Digital

Note: The GE150 Max model is powered by corded electric. Other variants like the GE150 Max Li may feature a built-in rechargeable battery.

7. OFFICIAL PRODUCT VIDEO

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Video 1: Overview of the MOOER GE150 Max and GE150 Max Li Guitar Multi Effects pedalboards, highlighting their features and differences.

	<p>MOOER GE150 Guitar Effects Processor: Owner's Manual and Features</p> <p>Comprehensive owner's manual for the MOOER GE150 Guitar Effects Processor. Learn about its features, controls, connections, software, and specifications.</p>
	<p>MOOER GE150 Max / GE150 Max Li Intelligent Amp Modeling & Multi-Effects Owner's Manual</p> <p>Comprehensive owner's manual for the MOOER GE150 Max and GE150 Max Li intelligent amp modeling and multi-effects guitar pedals. Covers features, controls, connections, operation, system settings, software, troubleshooting, and effect module descriptions.</p>
	<p>MOOER GE150 Max / GE150 Max Li Intelligent Amp Modeling & Multi-Effects User Manual</p> <p>Comprehensive user manual for the MOOER GE150 Max and GE150 Max Li intelligent amp modeling and multi-effects guitar pedal. Covers features, controls, connections, operation, software, troubleshooting, and specifications.</p>
	<p>MOOER GE150 Plus / GE150 Plus Li: Uživatelský manuál pro inteligentní multi-efekty</p> <p>Kompletní uživatelský manuál pro MOOER GE150 Plus a GE150 Plus Li. Zjistěte vše o funkcích, ovládání, zapojení, nastavení a specifikacích těchto inteligentních kytarových multi-efektů.</p>
	<p>MOOER GE150 Plus / GE150 Plus Li Intelligent Multi-Effects Owner's Manual</p> <p>Comprehensive owner's manual for the MOOER GE150 Plus and GE150 Plus Li intelligent multi-effects guitar pedals, detailing features, controls, connections, operation, system settings, software integration, troubleshooting, and technical specifications.</p>
	<p>Mooer GE150 Pro / GE150 Pro Li Intelligent Multi-Effects Owner's Manual</p> <p>This manual provides detailed instructions for operating the Mooer GE150 Pro and GE150 Pro Li intelligent multi-effects pedals, covering features, controls, connections, operation, system settings, troubleshooting, specifications, and effect module descriptions.</p>