MOOER GE150 Pro

MOOER GE150 Pro User Manual

Guitar Amp Modelling Multi Effects

1. Introduction

Welcome to the MOOER GE150 Pro Guitar Amp Modelling Multi Effects pedal user manual. This guide provides detailed instructions on how to set up, operate, maintain, and troubleshoot your GE150 Pro unit. Please read this manual thoroughly to ensure optimal performance and longevity of your device.

2. Product Overview

The MOOER GE150 Pro series is an advanced guitar amp modelling and multi-effects processor designed for guitarists seeking versatile tone options and portable performance. It features MOOER's MNRS modelling technology, a comprehensive suite of effects, and intuitive controls.

The GE150 Pro is available in two main editions: the standard mains-powered option (GE150 Pro White) and the GE150 Pro Li, which includes an integrated lithium battery offering up to 9 hours of usage. This manual primarily focuses on the GE150 Pro White model, but most operations apply to both.



Figure 2.1: Top-down view of the MOOER GE150 Pro Multi Effects Pedal.

3. Setup

Before powering on your GE150 Pro, ensure all connections are secure.

3.1 Power Connection

Connect the included 9V DC power adapter to the '9V ⎓ 1.5A' power input jack on the rear panel of the GE150 Pro. For the GE150 Pro Li model, ensure the internal battery is charged or connect to power for extended use.

3.2 Instrument and Audio Connections

Connect your guitar to the 'INPUT' jack. Use the 'OUTPUT L (MONO)' and 'OUTPUT R' jacks to connect to an amplifier, mixer, or audio interface. For silent practice, connect headphones to the 'PHONES' jack. An 'AUX IN' jack is available for connecting external audio devices like smartphones or MP3 players for backing tracks.

4. Interface Overview

The GE150 Pro features a comprehensive set of input/output ports and controls. Familiarize yourself with the layout for efficient operation.

4.1 Rear Panel Connections



Figure 4.1: Rear panel connections of the MOOER GE150 Pro.

- **AUX IN:** 3.5mm stereo audio input for connecting external audio devices (e.g., smartphone, MP3 player) to play backing tracks.
- **INPUT:** 6.35mm mono instrument input jack for your guitar.

- **OUTPUT L (MONO) / OUTPUT R:** 6.35mm output jacks for connecting to an amplifier, mixer, or audio interface. Use L (MONO) for mono output.
- **PHONES:** 3.5mm stereo headphone output for silent practice.
- **OTG:** USB Type-C port for connecting to a computer for tone editing, data management, firmware updates, and OTG audio recording/playback with mobile devices.
- **Power Switch:** On/off switch for the unit.
- **9V ⎓ 1.5A:** Power input jack for the included 9V DC power adapter.

4.2 Front Panel Controls



Figure 4.2: Front panel controls of the MOOER GE150 Pro.

- **Display:** 2.8-inch color display showing real-time status and information across different interfaces.
- **MASTER Knob:** Main output volume control.
- **TAP Button:** Used for setting the tempo for time-based effects.
- **RHYTHM Button:** Activates the built-in drum machine.
- **SYSTEM Button:** Accesses system settings (e.g., input level, screen brightness, language, factory reset).
- **SELECT Encoder:** Used to navigate menus and adjust settings. Press to confirm selection.
- **PLAY Button:** Returns to the main interface.
- **SAVE Button:** Executes the save function for presets and settings.
- **EXP Button:** Enters the expression pedal settings menu.
- **MODE Encoder:** Used to toggle effect modules on/off and to select them for editing.
- **Effect Module Indicators:** A row of lights below the screen indicating the on/off status of each effect module (FX, DS, AMP, CAB, NS, EQ, MOD, DLY, REV).

Video 4.1: Official tutorial covering product overview, interface, panel operation, effect chain, footswitch, expression pedal, looper, and drum machine usage.

This video provides a visual guide to the GE150 Pro's features and functions, including detailed demonstrations of its interface and controls.

5. Operating the Effect Chain

Upon powering on, the GE150 Pro boots directly to the main interface, displaying the current preset (e.g., "1A" with "65 Deluxe").

5.1 Navigating Presets

You can quickly switch between presets by rotating the SELECT knob or by pressing the A, B, C, or D footswitches. Pressing a footswitch toggles between tunes within the same bank. To scroll through preset banks, press the A+B footswitches simultaneously to scroll forward, or C+D simultaneously to scroll backward.

5.2 Adjusting Effect Modules

The effect module indicators below the screen show the active status of each module. If a light is off, the module is disabled; if on, it's active.



Figure 5.1: Display showing effect chain modules and selected preset.

To adjust an effect module, rotate the MODE encoder to select the desired module. The corresponding indicator light will blink. Press the MODE encoder to toggle the module on or off. To adjust parameters within the selected module, press the SELECT knob. Rotate the SELECT knob to highlight the parameter you wish to change, then press the knob to enter adjustment mode. Rotate the SELECT knob again to change the parameter value.

5.3 Saving Changes

After making adjustments, press the SAVE button. You can choose a preset slot to save the current tone and even rename the preset using the SELECT knob. Press the SAVE button again to confirm and save your changes.

6. Footswitch Operation Logic

The GE150 Pro is equipped with four multi-purpose footswitches labeled A, B, C, and D, offering enhanced flexibility for live performance and practice.



Figure 6.1: Footswitches on the MOOER GE150 Pro.

- **Preset Selection:** In the main interface, simply press footswitches A, B, C, or D to quickly select the corresponding preset within the current bank.
- **Bank Navigation:** Pressing A+B footswitches simultaneously scrolls forward through preset banks. Pressing C+D footswitches simultaneously scrolls backward through preset banks.

- **Tuner Activation:** Press and hold A+B footswitches simultaneously to activate the built-in tuner.
- **Looper Interface:** Press and hold C+D footswitches simultaneously to bring up the looper interface.

7. Logic of Expression Pedal

The GE150 Pro features a versatile expression pedal that can be configured as a volume pedal, wah pedal, or to control specific effect parameters.

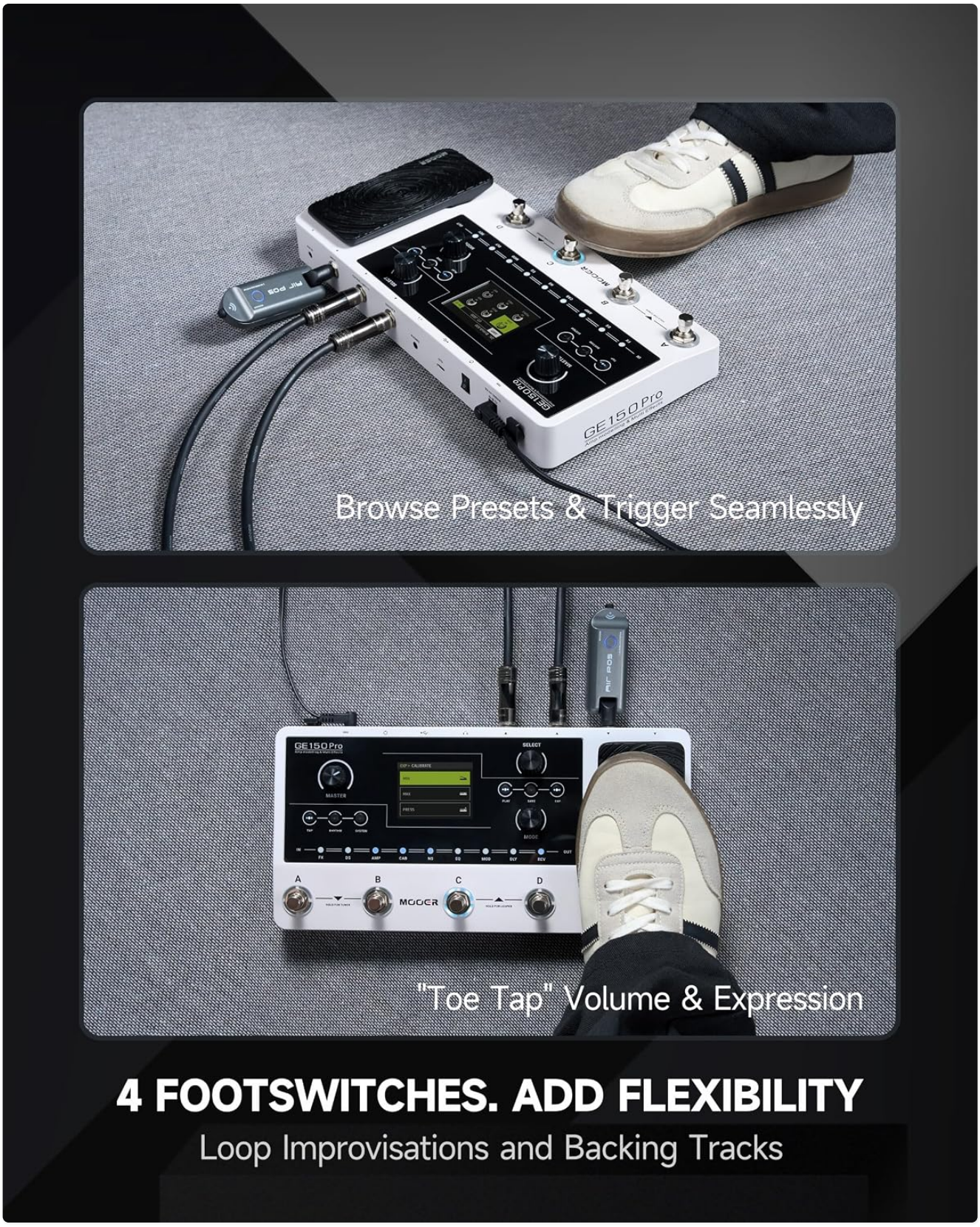


Figure 7.1: Expression pedal on the MOOER GE150 Pro.

7.1 Calibrating the Expression Pedal

Before using the expression pedal, it needs to be calibrated:

1. Press the EXP button to enter the pedal settings page.
2. Rotate the SELECT knob to highlight 'CALIBRATE' and press the knob.
3. Follow the on-screen instructions:
    - Fully lift the pedal (MIN position) and press the SELECT knob to proceed.
    - Press the pedal fully down (MAX position) and press the SELECT knob.
    - Press down on the toe of the pedal with the desired force (this sets the activation threshold for the footswitch function) and press the SELECT knob.
4. Once calibration is successful, a confirmation message will appear. If not, repeat the steps carefully.

7.2 Setting Up as a Volume Pedal

To use the expression pedal as a volume pedal:

1. Enter the pedal settings page (press EXP button).
2. Select 'EXP VOL' and turn it 'ON'.
3. In the lower section of the screen, you can adjust the minimum and maximum volume values that correspond to the fully lifted and fully pressed pedal positions.
4. Once the volume pedal is activated, you can switch between expression pedal (parameter control) and volume pedal modes by pressing down firmly on the toe of the pedal. The pressure required depends on the force you set during calibration. When the 'EXP' item is illuminated on the display, the pedal is in expression mode. When the light is off, the pedal is in volume mode.

8. Looper and Drum Machine Usage

The GE150 Pro includes a built-in drum machine and an 80-second stereo looper for practice and creative use.

8.1 Drum Machine

Press the RHYTHM button to quickly activate the drum machine and enter its settings interface. Here, you can select between drum machine or metronome modes, choose the drum style, adjust the tempo (BPM), and control the volume. You can also use the TAP button to set the drum machine's tempo by tapping it in time.

8.2 Looper

To enter the looper interface, press and hold the C+D footswitches simultaneously. In the looper interface, you can adjust the playback volume by rotating the SELECT knob. Follow the on-screen prompts for recording and playback:

- **Record:** Press the A footswitch to start recording.
- **Overdub:** Press the A footswitch again during playback to overdub.
- **Stop:** During recording or playback, press the B footswitch to stop.
- **Play:** After stopping, press the A footswitch to play back your loop.
- **Clear:** Hold the B footswitch to delete all recordings.

9. Troubleshooting

If you encounter issues with your MOOER GE150 Pro, refer to the following common troubleshooting steps:

- **No Sound:** Check all cable connections (input, output, headphones). Ensure the MASTER volume knob is

turned up. Verify that effect modules in your preset are active (lights on). Check your amplifier or monitoring system.

- **Distorted/Unwanted Noise:** Check input levels to prevent clipping. Ensure correct impedance matching with your guitar and amplifier. Try a different power outlet or power supply.
- **Pedal Not Responding:** Ensure the unit is powered on. If the expression pedal is not working, try recalibrating it (refer to Section 7.1).
- **Display Issues:** If the screen is too bright or dim, adjust brightness in System Settings (refer to Section 4.2).
- **Firmware Update Issues:** Ensure a stable USB connection to your computer. Use the official MOOER software for updates.
- **Factory Reset:** If issues persist, consider performing a factory reset via the System Settings menu.**Warning:** This will erase all user presets and custom settings.

10. Maintenance

To ensure the longevity and optimal performance of your GE150 Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid abrasive cleaners, waxes, or solvents.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Handling:** Avoid dropping the unit or subjecting it to strong impacts. Do not attempt to disassemble or modify the unit, as this will void the warranty.
- **Power Supply:** Always use the specified power adapter. Disconnect the power supply when the unit is not in use for extended periods.

11. Specifications

Feature	Specification
Model Number	GE150 Pro
Item Weight	2.42 pounds (1.1 Kilograms)
Product Dimensions	12.2 x 6.02 x 12.2 inches (30.99 x 15.29 x 30.99 cm)
Color	GE150 Pro White
Hardware Interface	HP-HSC
Signal Format	Digital
Audio Output Effects	Reverb, Delay, Looper, Distortion, Chorus, Modulation, Preamp, Pitch-Shifting, Overdrive, Flanger, Multi-Effect
First Available Date	October 5, 2024

12. Warranty and Support

MOOER provides a 2-year warranty for its products. For detailed warranty information and terms, please refer to the

official MOOER website or contact customer support.

For additional support, product information, or to explore other MOOER products, please visit the official MOOER Store on Amazon:

Visit the MOOER Store

Consider purchasing a protection plan for extended coverage. Options such as 3-Year and 4-Year Protection Plans are available, as well as a Complete Protect plan covering multiple eligible purchases.

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