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MOOER GE150

MOOER GE150 Pro Portable Multi Effects Pedal User Manual

Model: GE150 Pro | Brand: MOOER

1. Product Overview

The MOOER GE150 Pro series is a versatile multi-effects pedal designed for guitarists seeking a portable and powerful tone solution. It comes in two models: the standard GE150 Pro with a traditional power supply, and the GE150 Pro Li, which features a built-in lithium battery providing up to 9 hours of usage. The GE150 Pro is available in white, while the GE150 Pro Li features a striking red finish.

The GE150 Pro offers an impressive array of features, including 200 factory preset tones, 55 classic amp preamps utilizing MOOER's MNRS modeling technology, and 26 high-quality cabinet simulations. It also supports MNRS sample files (GNR and GIR) for both AMP and CAB modules, with increased slots for loading samples. The four multi-purpose footswitches provide enhanced flexibility for browsing presets and triggering various functions, including an 80s stereo looper with 40 drums and 10 metronomes. Its OTG functionality allows for direct audio recording to mobile devices and seamless connection to a computer for tone editing, data management, and firmware updates.



Image: MOOER GE150 Pro Multi Effects Pedal shown with its soft carry bag.



Image: The MOOER GE150 Pro pedal and its accompanying soft carry bag, highlighting its portability.

Video: Official tutorial for the MOOER GE150 Pro Series, providing a comprehensive overview of its features and functionalities.

2. Setup and Interface Overview

The GE150 Pro features a well-organized interface for easy connectivity and control. Below is an overview of the main inputs and outputs:

- **Aux In:** Stereo audio input (3.5mm) for connecting external audio devices, such as a music player, to play along with backing tracks.
- **Input:** Instrument input jack for connecting your guitar or other instrument.
- **Output L (Mono) / Output R:**Output jacks for connecting to external amplification systems, mixers, or audio interfaces. Use Output L for mono connections.
- **Phones:** 3.5mm stereo output for headphones, allowing for silent practice.
- **OTG (USB Type-C):** USB-C port that supports connection to a PC for tone editing, data management, and firmware updates. It also facilitates OTG (On-The-Go) audio recording directly to compatible mobile devices.
- **Power Switch:** On/off switch for the unit.

- **9V DC Power Input:** For connecting the external power supply.

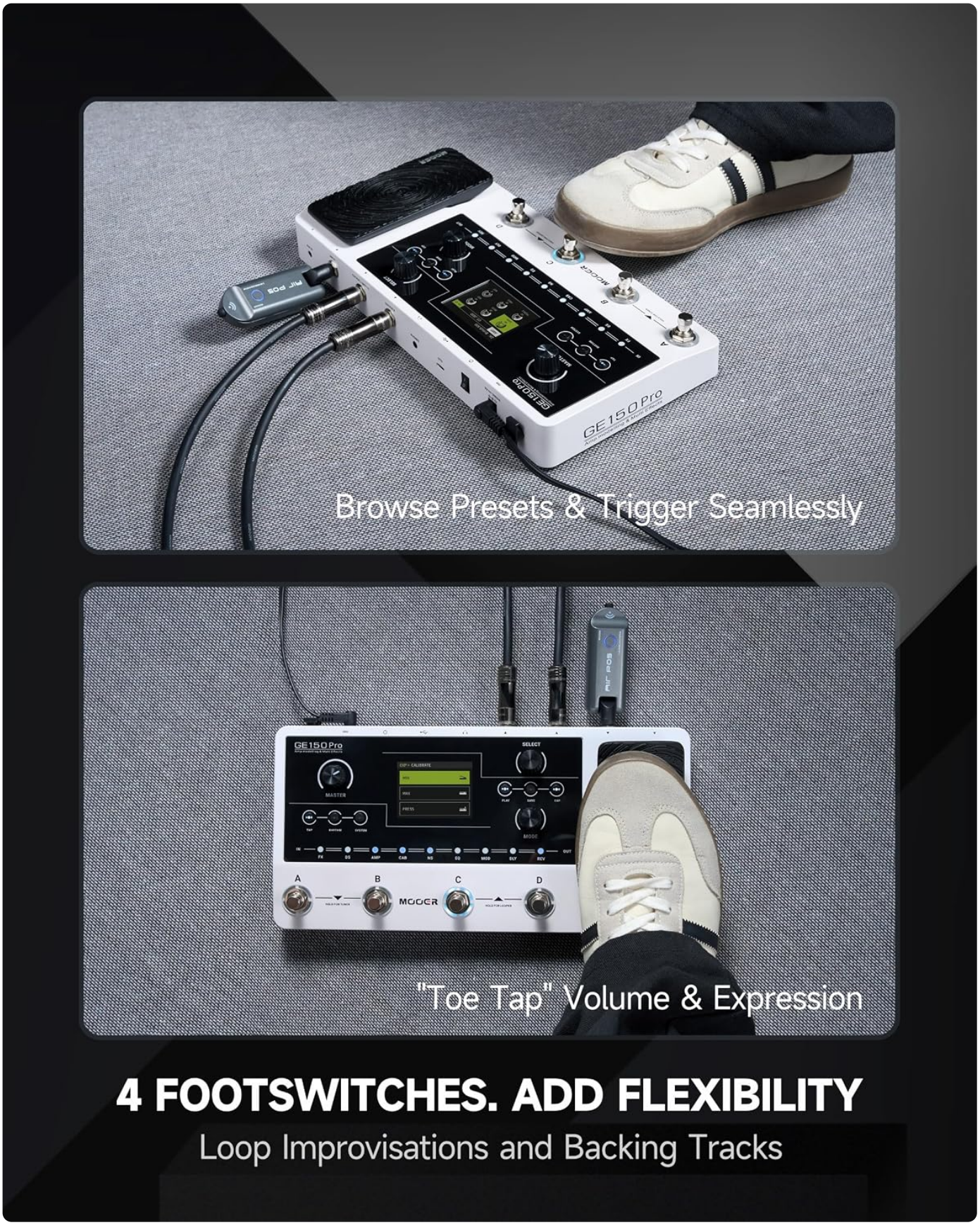


Image: Rear panel of the MOOER GE150 Pro, showing all input and output connections from left to right.

3. Operating Instructions (Panel Overview and Operation Logic)

The GE150 Pro features a user-friendly panel with a 2.8-inch display that provides real-time status and information. The operation logic is straightforward, primarily relying on physical buttons and encoders.

Front Panel Controls:

- **Master:** Main output volume control knob.
- **Tap Tempo:** Button for setting the tempo for time-based effects and the drum machine.
- **Rhythm:** Activates the drum machine function.
- **System:** Enters the system settings menu.
- **Select Encoder:** Used to navigate menus and adjust settings across various interfaces. Press to confirm selection.
- **Play:** Returns to the main interface from any submenu.
- **Save:** Executes the save function for presets and settings.
- **EXP:** Enters the expression pedal settings menu.
- **Mode Encoder:** Used to toggle effect modules on/off and to select them for parameter adjustment.

Below the screen, a row of effect module indicators displays the on/off status of each effect module and indicates the currently selected module.

System Settings Navigation Example:

To access system settings, press the **System** button. Use the **Select Encoder** to navigate through options like Input Level, Screen Brightness, OTG Level, Language, and Reset. A green frame will highlight the selected option. Press the **Select Encoder** to enter a submenu. For instance, to adjust screen brightness, rotate the **Select Encoder** until 'Screen' is highlighted, then press it. You can then rotate the **Select Encoder** to fine-tune the brightness. Once adjustments are complete, press the **Play** button to return to the main interface. This consistent operation logic applies across all menus.



Image: The MOOER GE150 Pro's front panel, highlighting the display and control knobs.

4. Effect Chain Usage Guide

Upon powering on, the GE150 Pro boots directly to the main interface, displaying the current preset (e.g., "1A" with "65 Deluxe"). The "1A" indicates the current preset is 'A' in the first bank.

Switching Presets:

- Rotate the **Select Encoder** to quickly switch between presets.
- Use the footswitches (A, B, C, D) to toggle between tunes within the same bank.

Effect Module Control:

Below the screen, effect module indicator lines show which modules are active (illuminated) or disabled (off) in the current preset. To adjust an effect module:

1. Rotate the **Mode Encoder** to select the desired effect module. The corresponding indicator light will move and blink.
2. Press the **Mode Encoder** to toggle the selected module on or off.
3. To adjust parameters within a module, press the **Select Encoder**. For example, to change the effect type, rotate the **Select Encoder** until the name section is highlighted, then press it. You can then rotate the **Select Encoder** again to browse different effect types.
4. After making adjustments, press the **Save** button to store the changes. You can choose a preset slot and even rename the preset using the **Select Encoder**. Press **Save** again to confirm.



Image: The MOOER GE150 Pro's display showing options for 26 cabinet simulations and impulse response details.

5. Footswitch Operation Logic

The GE150 Pro is equipped with four footswitches labeled A, B, C, and D, offering intuitive control over various functions:

- **Preset Navigation:**
  - Pressing **A+B** simultaneously scrolls forwards through the preset banks.
  - Pressing **C+D** simultaneously scrolls backwards through the preset banks.
  - Once a bank is selected, simply press the corresponding footswitch (A, B, C, or D) to quickly select a preset within that bank.
- **Tuner Activation:** Pressing and holding **A+B** simultaneously activates the built-in tuner.
- **Looper Interface:** Pressing and holding **C+D** simultaneously brings up the looper interface.



Image: Close-up of the MOOER GE150 Pro's four multi-purpose footswitches, labeled A, B, C, and D.

6. 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.

Expression Pedal Calibration:

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 Encoder** to highlight the "Calibrate" option, then press it.

3. Follow the on-screen instructions: Fully lift the pedal, then press the **Select Encoder** to proceed.
4. Next, press the pedal fully down and press the **Select Encoder** again.
5. Finally, press down on the pedal with the force you prefer. This pressure sets the threshold for activating the expression pedal's function.
6. Once set, press the **Select Encoder** to complete the calibration. A confirmation message will appear if successful.

Setting Up Expression Pedal Function:

To set the expression pedal's function (e.g., controlling distortion gain or acting as a volume pedal):

1. Press the **EXP** button to enter the pedal settings page.
2. Select "Parameter Settings" to open the submenu. The top part of the screen shows effect modules, and the lower part shows parameters.
3. To control a specific parameter (e.g., distortion gain): Navigate to the desired effect module (e.g., Distortion) and select the parameter (e.g., Gain). After returning to the main screen, activate the distortion module. As you move the pedal, the gain parameter will adjust accordingly.
4. To set up as a volume pedal: In the pedal settings page, select "Volume Pedal" and turn it ON. The screen will show minimum and maximum values corresponding to fully lifted and fully pressed pedal positions, which you can adjust.

Once the volume pedal is activated, you can switch between expression pedal mode and volume pedal mode by pressing down firmly on the pedal. The pressure required depends on the force 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.



Image: The MOOER GE150 Pro's expression pedal, used for dynamic control of effects or volume.

7. Looper and Drum Machine Usage

Drum Machine:

To quickly activate the drum machine:

1. Press the **Rhythm** button to enter its settings interface.
2. Here, you can select between drum machine or metronome modes.
3. Choose the drum style, adjust the tempo (BPM), and control the volume.
4. You can also use the **Tap Tempo** button to set the drum machine's tempo.

Looper:

To enter the looper interface:

1. Press and hold the **C+D** footswitches simultaneously.
2. In the looper interface, you can adjust the playback volume by rotating the **Select Encoder**, following the on-screen prompts.
3. To start recording, press the **A** footswitch. Press it once more to overdub.
4. During recording, press the **B** footswitch to stop the recording.
5. Holding the **B** footswitch will delete all recordings.

8. Specifications

Feature	Specification
ASIN	B0DKXR242V
Date First Available	October 5, 2024
Color Name	black
Hardware Interface	3.5-Inch Floppy, USB 3.1 Type C, HDMI, mini HDMI
Signal Format	Digital
Voltage	9 Volts (DC)
Brand	MOOER
Style	MOOER GE150 Pro Portable Multi Effects with Soft Case
Color	black

9. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid abrasive cleaners or solvents that could damage the finish or

internal components.

- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When not in use, it is recommended to store it in its soft carry bag to protect it from dust and physical damage.
- **Software Updates:** Regularly check the official MOOER website for firmware updates. Keeping your device updated ensures access to the latest features and performance improvements. Connect via the USB-C port for updates.
- **Power Supply:** Always use the specified 9V DC power supply (1.5A, center negative) to prevent damage to the unit.

10. Troubleshooting

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

- **No Power:** Ensure the power adapter is correctly connected and the power switch is in the ON position. Verify the power outlet is functioning. If using the GE150 Pro Li, ensure the battery is charged.
- **No Sound:** Check all cable connections (instrument input, output to amplifier/mixer, headphones). Ensure the Master volume knob is turned up. Verify that no effect modules are bypassed or set to zero output. Check the input level in the system settings.
- **Distorted/Unwanted Sound:** Check gain staging throughout your signal chain. Ensure no effect modules are causing unintended distortion. Try resetting the unit to factory settings if the issue persists (refer to System Settings in Section 3).
- **Expression Pedal Not Responding:** Recalibrate the expression pedal (refer to Section 6). Ensure the pedal is in the correct mode (expression or volume) as indicated by the EXP light.
- **Display Issues:** If the screen is too dim or bright, adjust the screen brightness in the system settings (refer to Section 3).
- **Firmware Update Failure:** Ensure a stable USB connection to your computer. Download the correct firmware from the official MOOER website and follow the update instructions precisely.

For more complex issues or persistent problems, please contact MOOER customer support.

11. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official MOOER website. MOOER provides dedicated customer support for all its products.

MOOER Customer Support:
For technical assistance, troubleshooting, or service inquiries, please visit the MOOER official website or contact their authorized distributors in your region. Keep your purchase receipt as proof of purchase for warranty claims.

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Details

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