

# MOOER

## GE100 Pro GE100 Pro *Li*

AI-Powered Multi-Effects

### Owner's Manual

GE100 Pro GE100 Pro *Li*

Optional  
Battery Version

MNRS

Hundreds Of  
MNRS Files  
Compatible



High-quality  
effects



IR  
Loader



80 SEC  
Looper



DRUM  
Grooves



High-quality  
OTG Recording



Bluetooth  
Audio



Controlling  
By Mobile APP

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# Precautions

**Please Read Carefully Before Use**

## **Power Supply**

- Please use a power supply that is approved by relevant authorities and complies with local regulatory requirements (such as UL, CSA, VDE, CCC).
- Please use a power supply that meets the manufacturer's specified requirements.
- Unplug the power supply when not in use or during electrical storms.
- Do not expose products containing batteries to excessive heat (e.g., avoid direct sunlight, keep away from fire, etc.).
- If a battery leaks, avoid contact with skin or eyes. If contact occurs, consult a physician.
- The battery provided with this product may present a risk of fire or chemical burn if mistreated.

## **Location**

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:

- Direct sunlight
- Heat sources
- Dusty or dirty locations
- Magnetic fields
- Extreme temperatures or humidity
- Strong vibrations or shocks

## **Cleaning**

Clean only with a soft, dry cloth. If necessary, slightly moisten the cloth. Do not use abrasive cleanser, alcohol, paint thinners, wax, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

## **Operation**

Do not apply excessive force to the switches or controls.

Do not let paper clippings, metallic objects, or other debris fall into the unit.

Be careful not to drop the unit, and do not subject it to shock or excessive pressure.

Do not modify the unit without authorization.

For all repair concerns, please contact the MOOER customer service center.

# Main Features

- The revamped GE series design language and user interface, combined with a 3.5-inch color display, deliver an intuitive operating experience for quick switching between stage and studio use.
- Available in two versions: the standard GE100 Pro and the GE100 Pro Li with a built-in lithium battery, catering to various scenarios from home practice and outdoor gigs to mobile recording.
- Equipped with the MOOER AI Assistant, serving as your personal tone manager to easily unlock endless inspiration.
- Built-in RGB lighting system blends an auditory and visual feast, creating a striking stage presence and a futuristic operational vibe.
- 50 preset banks, each containing 3 presets, for a total of 150 preset slots to meet the demands of various gig and practice scenarios.
- Features intelligent reverse-modeling technology for true amp preamp simulations, faithfully capturing the dynamics and feel of iconic amps.
- Loaded with a vast array of effect modules and supports loading MNRS and NAM sample files to expand your drive, preamp, and cab options, letting you build your sonic universe.
- Cab module supports loading third-party IR files, easily matching any studio or live setting for uncompromised tonal pursuit.
- Built-in 80-second stereo LOOPER module for real-time recording and infinite overdubs—an excellent tool for solo arrangements and instantly capturing your inspiration.
- Drum machine module featuring 40 drum grooves and 10 metronome patterns, providing versatile rhythms for daily practice and song creation.
- Built-in high-sensitivity expression pedal can be assigned as a volume pedal or to tweak effect parameters for expressive, dynamic playing.

- High-precision tuner ensures you can quickly tune up in any situation, keeping your pitch perfect.
- Easily tweak effect parameters, manage presets, and share/download tone files and sample data by connecting to the desktop editor software and mobile app, giving you total control over your tone anywhere.
- Supports Bluetooth audio input for easy backing track playback, making practice sessions seamless.
- Type-C USB port allows connection to a computer for software editing, as well as mobile devices (phones/tablets) for direct audio recording and playback, fulfilling mobile creation needs.

# Panel Layout

## Top Panel



**01**

### **3.5-inch Color Display**

Displays the current status and info for the selected interface.

**02**

### **SELECT/MASTER Knob**

Rotate to select presets or adjust parameters in different menus.

Press to access the Master output volume adjustment.

**03**

### **CHAIN Knob**

Rotate to navigate through the effect blocks in the effect chain.

Press to enter the model list or parameter menu of the selected block.

Press and hold + rotate to move the current block's position within the effect chain.

Press and hold to clear the effect block loaded at the current position.

When in the parameter menu, press to turn the current effect block ON/OFF.

**04**

### **SAVE Button**

Press to save your preset.

**05**

### **TAP Button**

Press repeatedly to set the tap tempo.

**06**

### **SYSTEM Button**

Press to enter the global system settings menu.

**07**

### **RHYTHM Button**

Press to turn the drum machine ON/OFF and enter the rhythm settings menu.

**08**

### **HOME Button**

Press to return to the main display.

**09**

### **EXP Button**

Press to enter the expression pedal settings menu.

**10**

### **LED Ambient Light Strip**

Displays the ambient lighting effects.

**11**

### **Footswitch A**

In Preset mode: selects preset A in the current bank.

In Looper mode: controls Record, Overdub, and Play.

**12**

### **Footswitch B**

In Preset mode: selects preset A in the current bank.

In Looper mode: controls Stop and Clear.

**13**

### **Footswitch C**

In Preset mode: selects preset A in the current bank.

In Looper mode: press to turn the drum machine ON/OFF, press and hold to exit Looper mode.

**14**

### **Footswitches A + B**

Press A + B simultaneously to bank down and enter the bank selection screen.

Press and hold A + B to access the TUNER.

**15**

### **Footswitches B + C**

Press B + C simultaneously to bank up and enter the bank selection screen.

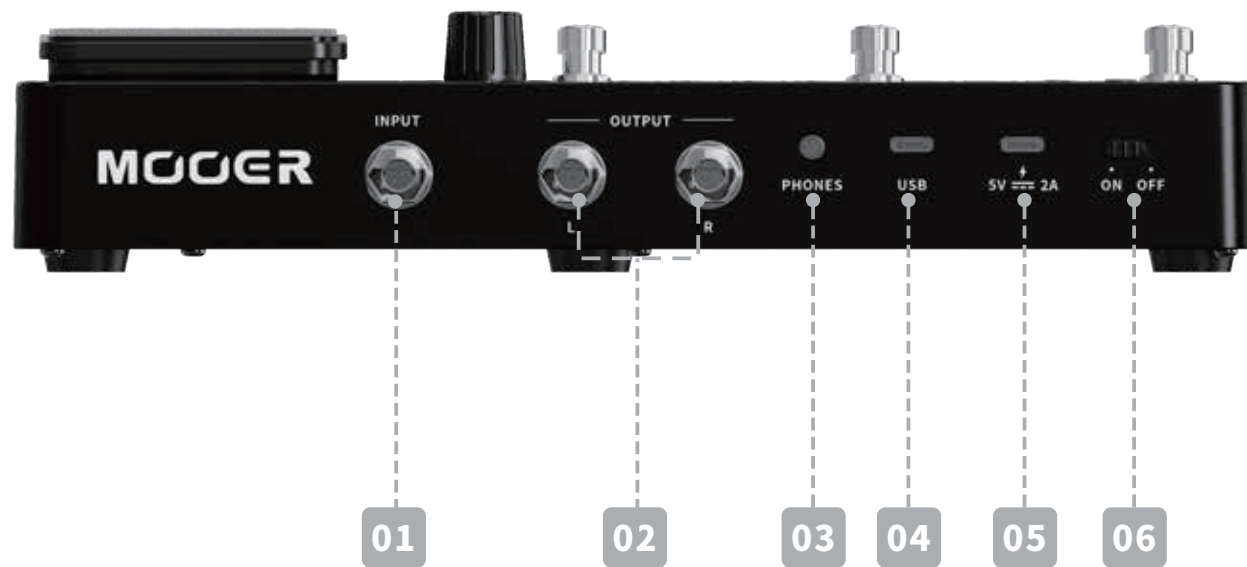
Press and hold B + C to access the LOOPER.

**16**

### **Expression Pedal**

Can be assigned to control volume or assigned as an expression pedal for effect parameters.

# I/O Interface

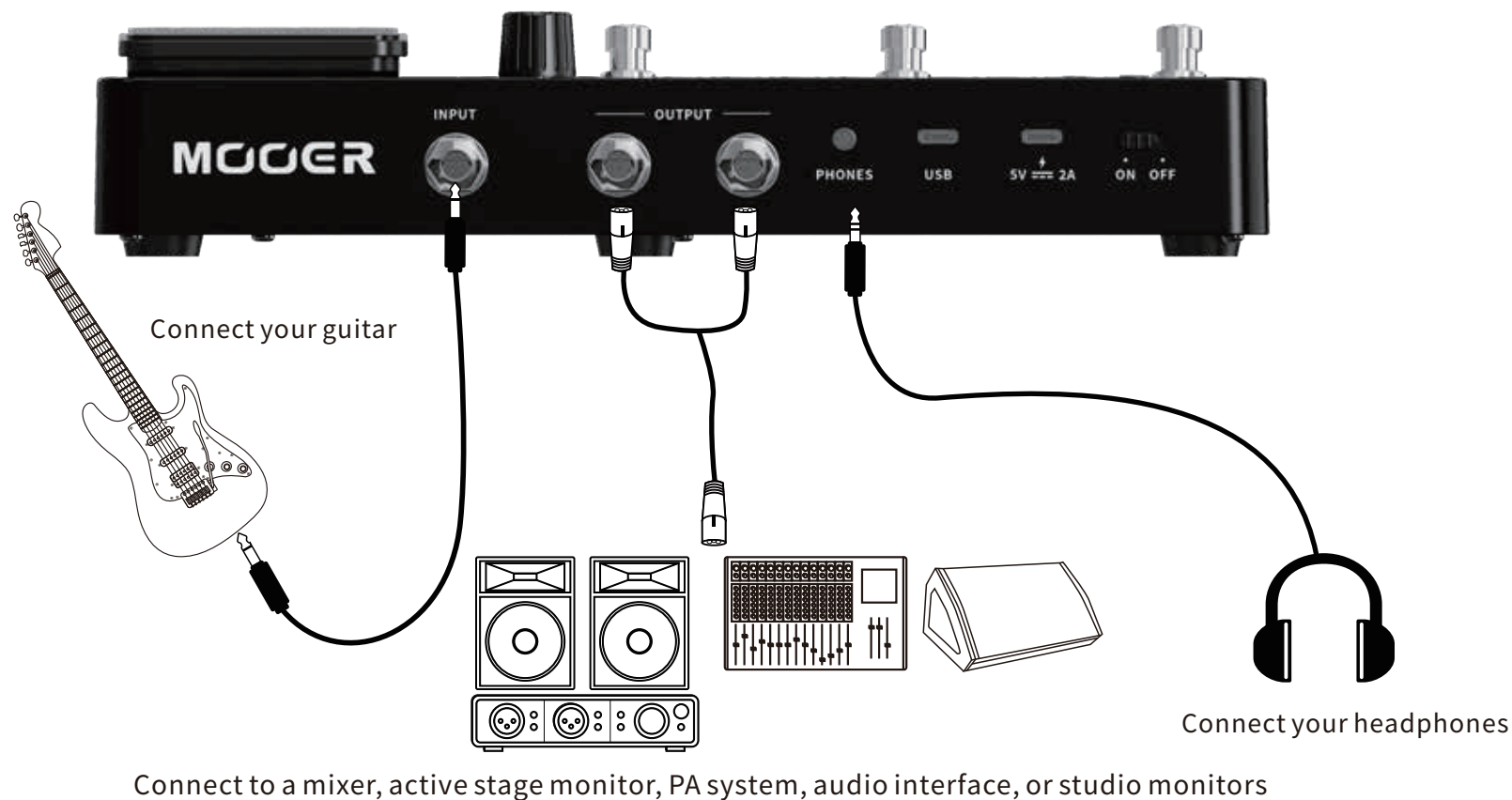


- 01 INPUT**  
1/4"mono audio jack. Connect your guitar/instrument here.
- 02 OUTPUT**  
1/4"stereo unbalanced output jacks. Connect to your amp, FRFR, or other audio interface. For a mono setup, use the OUTPUT L jack.
- 03 PHONES**  
1/8"stereo headphone jack.
- 04 USB**  
Type-C USB port. Connect to a computer for editing, data management, importing samples, and firmware updates, or connect to a mobile device for audio recording and playback.
- 05 POWER**  
Type-C USB port. Connect to a 5V 2A USB-A power adapter (such as a smartphone charger) or a computer's USB port for power/charging.
- 06 Power Switch**  
Turns the unit ON or OFF.

# Connection Scenarios

## Connecting to Full-Range Devices

This scenario applies to FRFR setups including studio monitors, audio interfaces, active stage monitors, PA systems, and headphones. It is highly recommended to turn ON both the AMP and CAB blocks for the best direct guitar tone.



## Connecting to a Guitar Power Amp + Cab

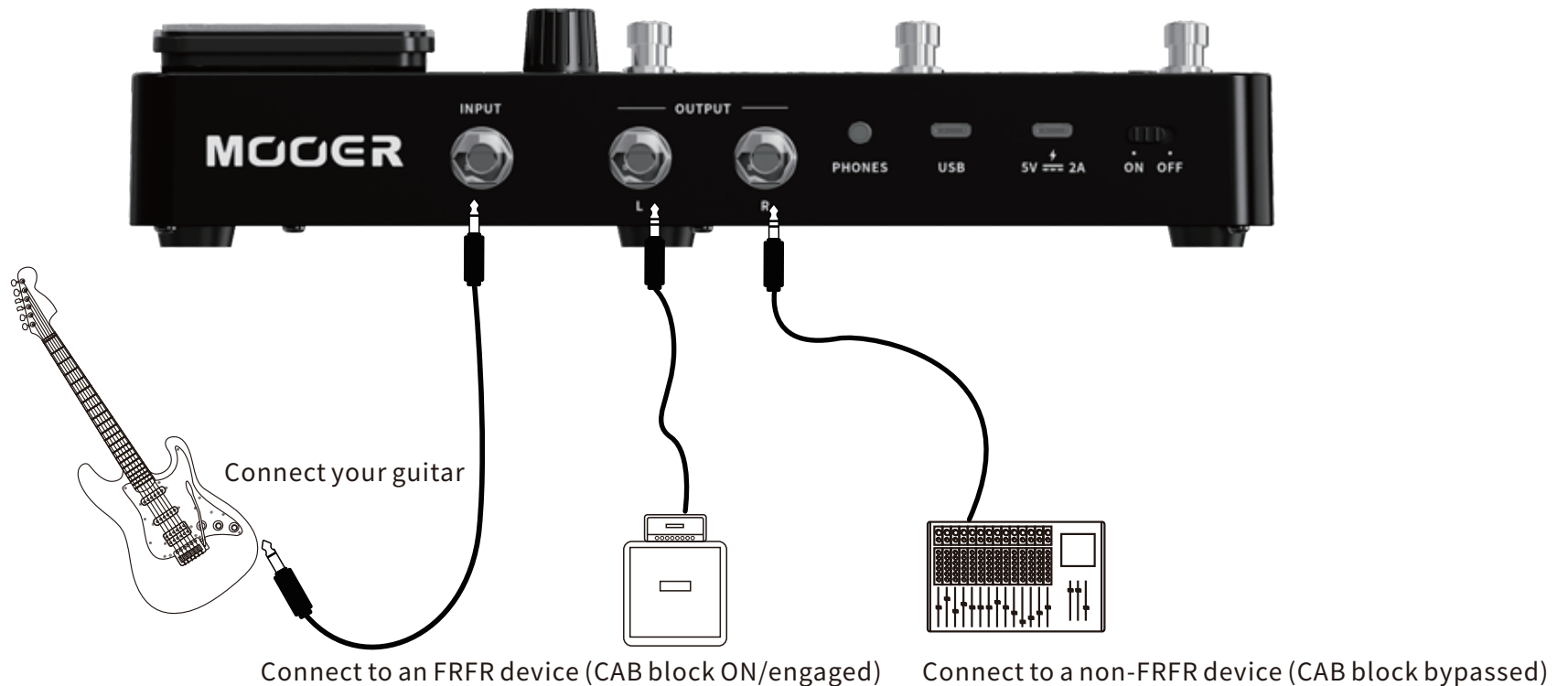
This setup utilizes the FX RETURN of a guitar amplifier or a dedicated power amp. It is recommended to leave the AMP block ON and turn the CAB block OFF.



Connect to the RETURN of an amp's FX Loop or the INPUT of a dedicated power amp

## Mixed Connection with FRFR and Guitar Amps

This setup combines both of the above. When connecting to an FRFR system and a traditional guitar amp simultaneously, refer to the wiring diagram below. Go to the SYSTEM settings, locate the CAB block bypass options, and set the Left/Right channels to bypass or engage the CAB block independently based on your exact routing.



## Connecting to a Guitar Amp's Input

This setup plugs the GE100 Pro straight into the front INPUT of a traditional guitar amplifier. To prevent stacking preamps and colorations, it is recommended to turn OFF both the AMP and CAB blocks for optimal tone.



# Quick Start

## Power On

- Connect everything according to the connection scenarios mentioned above.
- Plug in the included power adapter and switch the unit ON.
- Once booted, press the SELECT/MASTER knob to display the MASTER volume screen. Rotate the knob to dial in an appropriate output volume based on your setup.
- Once set, press the knob again to exit the volume screen and return to the main display.
- If left idle for 3 seconds on the MASTER volume screen, it will automatically return to the main display.



# Main Display Layout

## Pedal Status

Displays the current assignment and status of the expression pedal

## Preset Number and Name

Displays the currently selected preset's number and name.

## Effect Chain

Shows the current status of blocks in the preset's effect chain.

## Master Volume

Displays the global output volume level.

## Battery Level

Displays the current battery charge (GE100 Pro Li only).



# Selecting Presets

**Upon powering on, you can select presets in the following ways:**

1. Rotate the SELECT/MASTER knob on the main display to scroll through presets;
2. In any mode except LOOPER, press footswitch A, B, or C to select one of the 3 presets in the current bank. Press A+B or B+C simultaneously to navigate banks down or up, bringing up the bank selection screen. Press A/B/C again within this screen to select a preset in the new bank.



# Operation

## Editing Presets

### Loading and Editing Effect Blocks

The GE100 Pro features 9 effect modules that can be loaded into any of the 10 available blocks in the effect chain.

Rotate the CHAIN knob to move the cursor to an empty block in the effect chain, then press the CHAIN knob to enter the block/module selection menu.

|     |                 |
|-----|-----------------|
| FX  | 01: 65 US DX    |
| DS  | 02: 65 US TW    |
| AMP | 03: 62 US DLX   |
| CAB | 04: 55 US TD    |
| NS  | 05: 59 US BASS  |
| EQ  | 06: US SONIC    |
|     | 07: US BLUES CL |

Rotate the SELECT/MASTER knob to choose the effect category, then press it to jump to the right side of the screen to select the specific effect. To reselect the effect category, press the HOME button to go back.

On the right side, rotate and press the SELECT/MASTER knob to choose an effect, which will then open the parameter menu for that effect.



\* From the main display, selecting an already loaded block and pressing the CHAIN knob will take you directly into that effect's parameter edit menu.

In the parameter menu, use the SELECT/MASTER knob (rotate and press) to tweak parameter values or change the effect module. Press the CHAIN knob to toggle the current block ON or OFF; a switch icon in the top right denotes its status  .

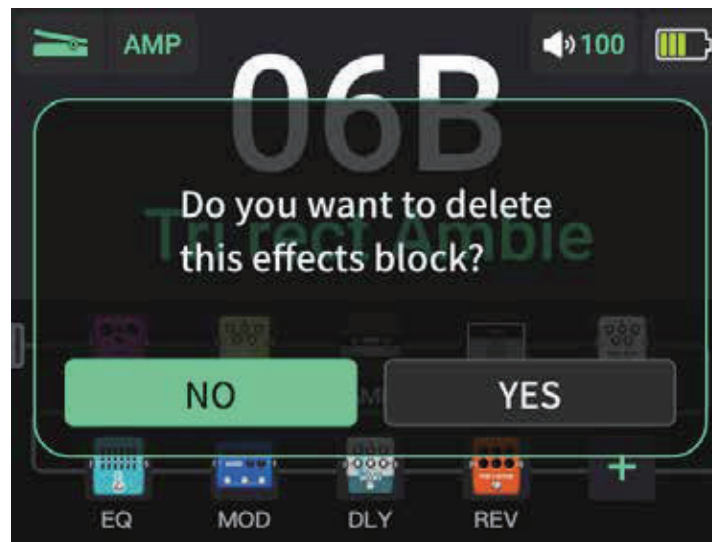
To change the effect type at the current position, highlight the block name icon in the top left and press the knob to re-enter the effect selection menu  .

Once you've finished tweaking parameters, press the HOME button to return to the main display, where your new effect will be visible in the chain.

## Moving and Deleting Effect Blocks

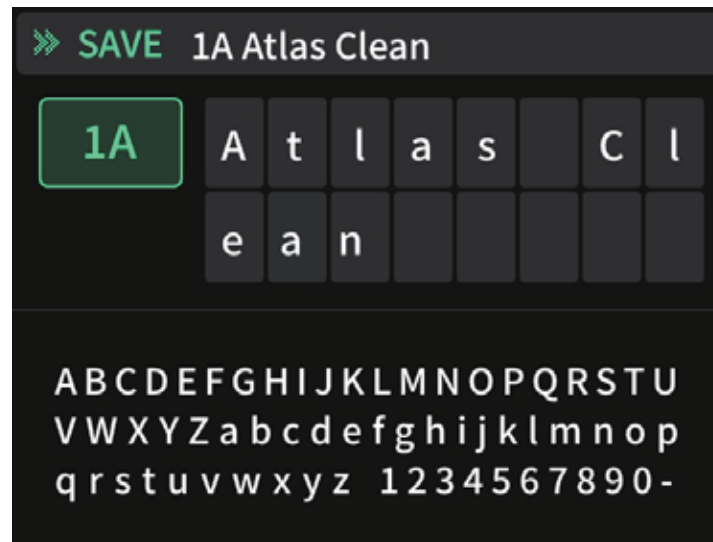
From the main display, use the CHAIN knob to highlight the block you wish to move. Press and hold the knob while rotating it (the cursor will blink) to drag it to a new location. Release to drop the block at the target position.

From the main display, highlight the block you want to delete. Press and hold the CHAIN knob for 2 seconds until a prompt appears. Rotate the SELECT/MASTER knob to choose 'YES' to delete the effect, or 'NO' to cancel and return.



## Saving Presets

After editing your preset parameters, you'll need to save your preset. Press the SAVE button to enter the save menu. Rotate and press the SELECT/MASTER knob to select the target preset slot and edit the characters for your preset's name.

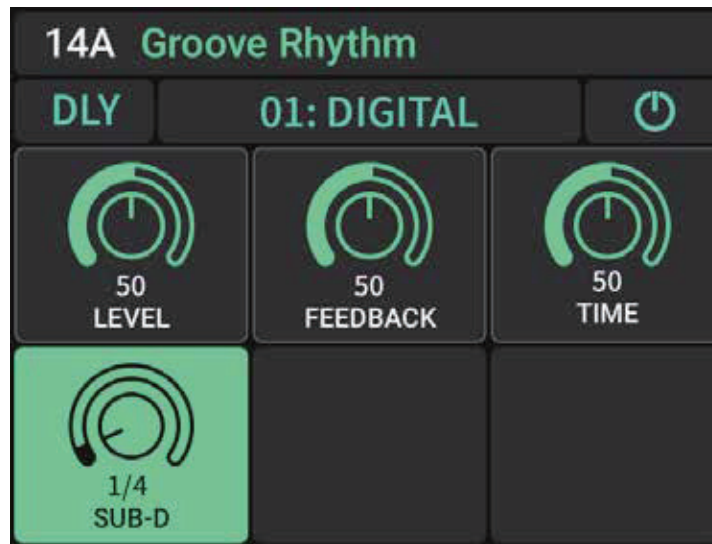


When finished, press the SAVE button once more to confirm and save. Pressing any footswitch or any button other than SAVE or TAP before confirming will cancel the save operation and exit.

# TAP Tempo

The GE100 Pro features a global TAP tempo function that syncs with delay effects and the drum machine.

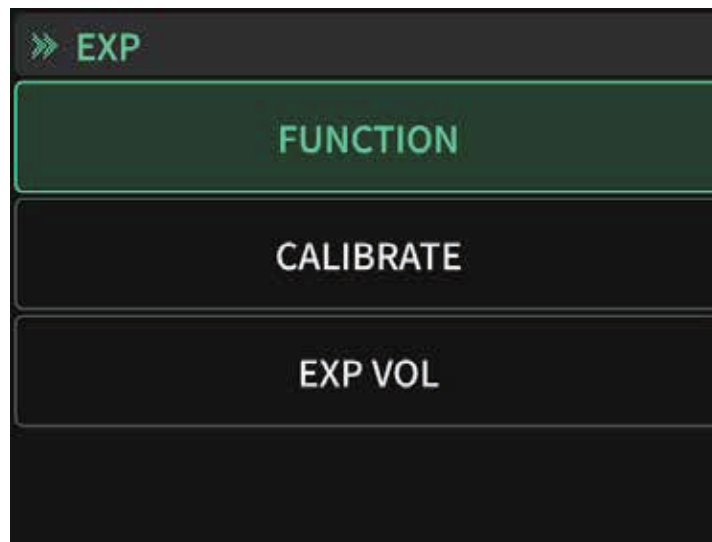
With a delay effect active in your chain, the TAP button LED blinks. Rhythmically tap the TAP button 2 or more times to set the delay time. If the delay features a SUB-D mode, the final delay time is calculated using the TAP tempo combined with the subdivision value.



For using TAP tempo with the drum machine, refer to the 'RHYTHM (Drum Machine)' section in this manual.

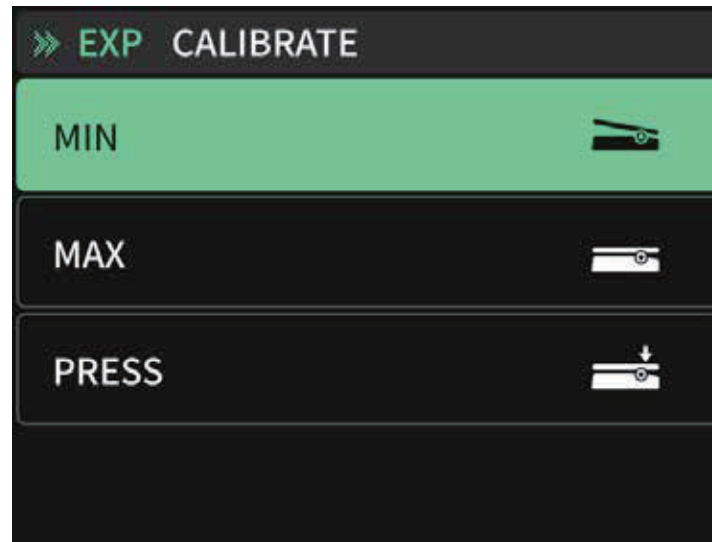
## Expression Pedal Settings

The GE100 Pro's built-in pedal can be used as an expression pedal or a volume pedal. Press the EXP button to enter the pedal settings menu.



## Pedal Calibration

If the pedal isn't responding correctly, or after a firmware update / factory reset, you'll need to calibrate it. In the pedal settings menu, use the SELECT/MASTER knob to select CALIBRATE and press to enter the calibration screen.



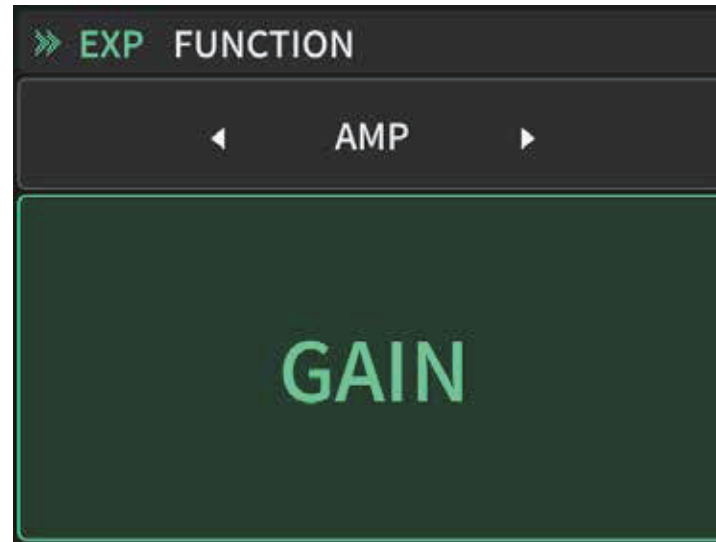
### Calibration Steps

1. Rock the pedal all the way back (heel down) to the minimum position, then press the SELECT/MASTER knob to confirm and proceed.
2. Rock the pedal all the way forward (toe down) to the maximum position, then press the SELECT/MASTER knob to confirm and proceed.
3. Apply firm pressure to the toe switch mechanism, then press the SELECT/MASTER knob to confirm the pressure threshold for activation (this determines how hard you have to press to toggle the pedal later).

After completing these steps, a popup will indicate success. If no popup appears, the calibration failed, and you simply need to repeat the steps.

### Assigning as an Expression Pedal (Controlling Parameters)

In the pedal settings menu, use the SELECT/MASTER knob to select FUNCTION. Press to enter the sub-menu, then choose the desired effect block and target parameter.



Press firmly on the toe switch to engage the expression pedal (the EXP button LED will illuminate). The pedal will now control your assigned effect parameter.

## **Assigning as a Wah Pedal**

In the FUNCTION sub-menu, select the FX pre-block, and target the POSITION parameter. Add an FX block to your effect chain and choose the CRY WAH or 535 WAH model.

Now, when you engage the toe switch, the expression pedal will automatically toggle the FX block ON/OFF. When engaged, sweeping the pedal controls the wah sweep; pressing the toe switch again disables it and turns the FX block OFF.

## **Assigning as a Volume Pedal**

Method 1: Pre-Volume

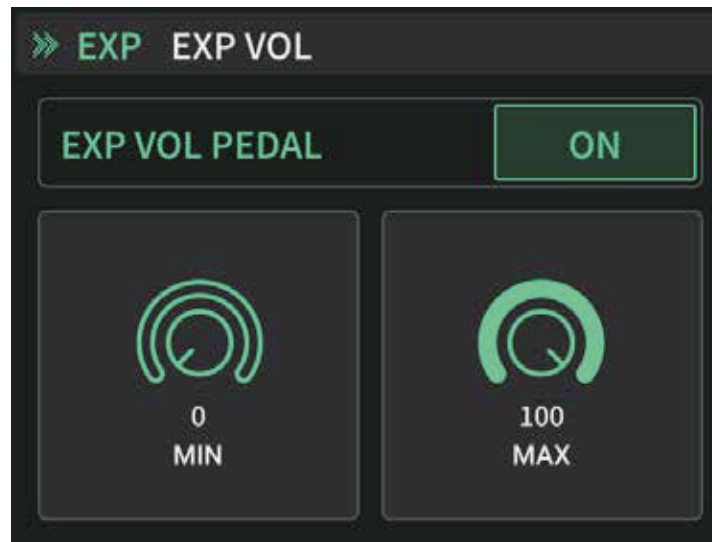
In the pedal settings menu, choose FUNCTION, enter the sub-menu, and select the output volume parameter of an active block in your current preset, such as LEVEL in the FX, VOLUME in the DS, or MST (Master) in the AMP.

Once set, engage the toe switch to activate the expression pedal, which now acts as a volume pedal controlling that specific effect's volume.

## Method 2: Global Output Volume

In the pedal settings menu, choose EXP VOL, enter the sub-menu, and turn it ON. Now, whenever the expression mode is DISENGAGED (EXP button LED is OFF), the pedal functions as the global output volume for the GE100 Pro.

Within this sub-menu, you can use the MIN and MAX parameters to set the sweep range limits for the global volume.



### Note:

- 1.If the expression pedal is assigned to a parameter in a block that isn't currently loaded, engaging and sweeping the pedal won't produce any tonal changes.
- 2.After setting up the expression pedal, be sure to hit the SAVE button to keep your preset settings.

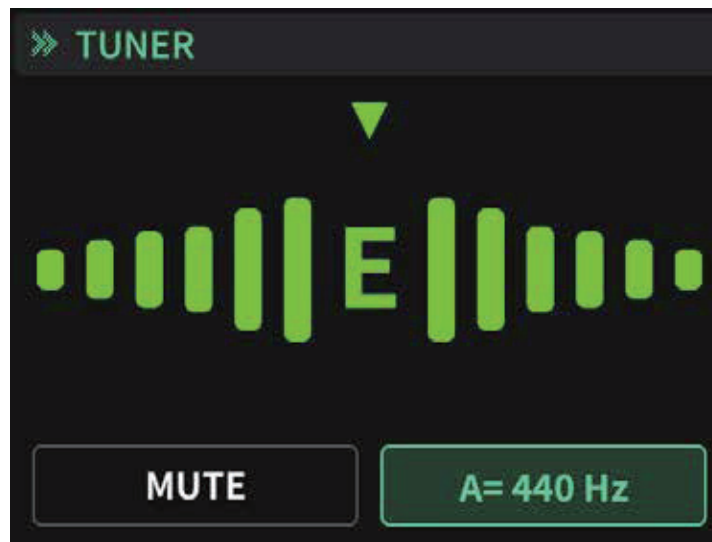
# TUNER

Press and hold footswitches A + B for 1 second to enter the TUNER mode. Use the SELECT/MASTER knob to configure the tuner output mode and standard pitch calibration.

The output mode can be set to MUTE (default) or BYPASS;

Standard pitch calibration is adjustable between 430~450Hz, defaulting at 440Hz.

Once tuning is complete, press any footswitch or any button other than TAP to exit TUNER mode.



## RHYTHM (Drum Machine)

Press the RHYTHM button to activate the drum machine and enter the rhythm settings menu; the RHYTHM button LED will illuminate. Press the RHYTHM button again in this menu to toggle the drum playback ON/OFF.

Use the SELECT/MASTER knob to adjust the drum machine functions within the menu.

### **MODE**

Sets the drum machine playback to RHYTHM (drums) or METRONOME mode.

### **STYLE**

Selects the drum groove in RHYTHM mode, or the time signature in METRONOME mode.

### **BPM**

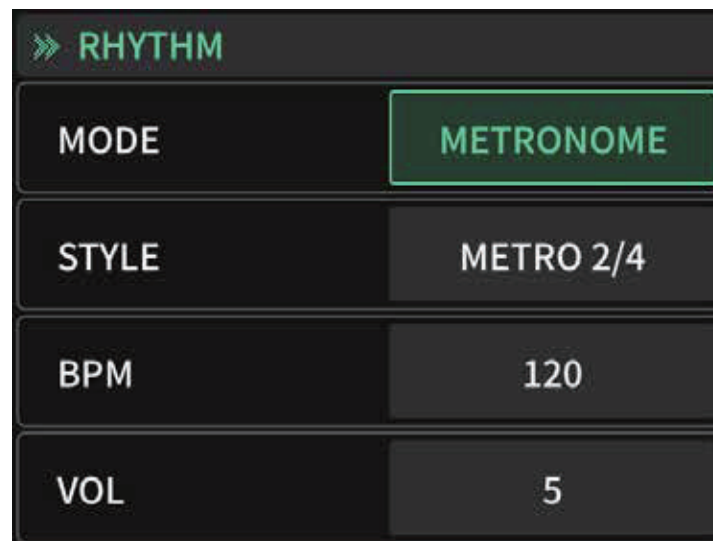
Sets the playback speed of the drum machine.

### **Note:**

**When the drum machine is playing, the TAP button controls its tempo, and the LED blinks at the current drum BPM. If you press the RHYTHM button again to stop playback, the TAP button LED reverts to showing the TAP tempo for the DELAY in your current preset (if no DELAY is loaded, the LED turns off).**

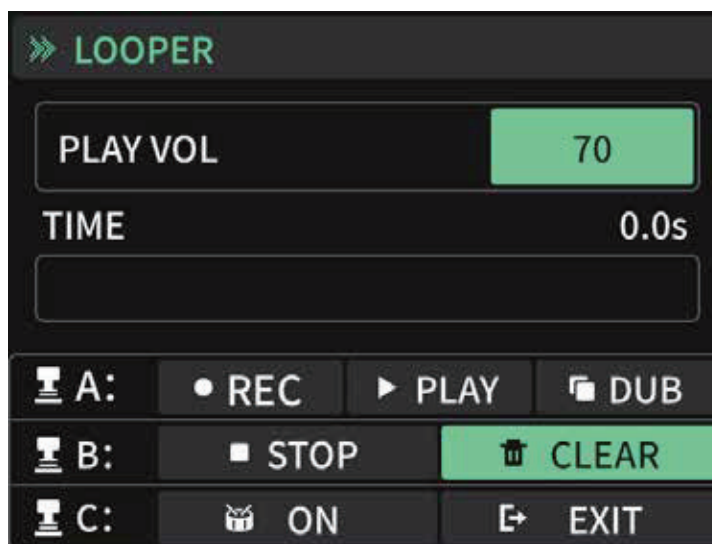
## **VOL Volume**

Adjusts the playback volume of the drum machine.



# LOOPER

The GE100 Pro features an integrated 80-second stereo LOOPER. Press and hold footswitches B + C simultaneously for 1 second to enter the LOOPER.



## **Operation**

### **REC Record**

From the CLEAR/empty state, press footswitch A to start recording. The REC icon will illuminate, and the progress bar will turn red and begin moving.

### **PLAY**

While in Record, Overdub, or Stop states, press footswitch A to play back your loop. The PLAY icon will illuminate, and the progress bar will turn green and loop according to the recorded duration.

Rotate the SELECT/MASTER knob to adjust the loop playback volume. Range: 0~100. Default: 70.

### **DUB Overdub**

During PLAY, press footswitch A to start overdubbing. The DUB icon will illuminate, and the progress bar will turn red.

### **STOP**

During PLAY or DUB, press footswitch B to stop playback. The STOP icon will illuminate, and the progress bar will halt.

### **CLEAR**

In any state, press and hold footswitch B for 1 second to clear all tracks. The CLEAR icon will illuminate, and the progress bar will reset.

**Note: If recording reaches the maximum 80 seconds (progress bar is full), the Looper will automatically switch to PLAY mode.**

### **Drum Machine ON/OFF**

While in the LOOPER menu, you can press footswitch C at any time to toggle the drum machine ON or OFF. The drum icon indicates its current state.

**Note: When the drum machine is ON within the LOOPER menu, the TAP button controls its tempo, and the LED flashes the current drum BPM.**

# OTG Features

The GE100 Pro's USB port supports OTG for direct audio recording and playback with mobile devices such as smartphones or tablets.

## **Device Connection**

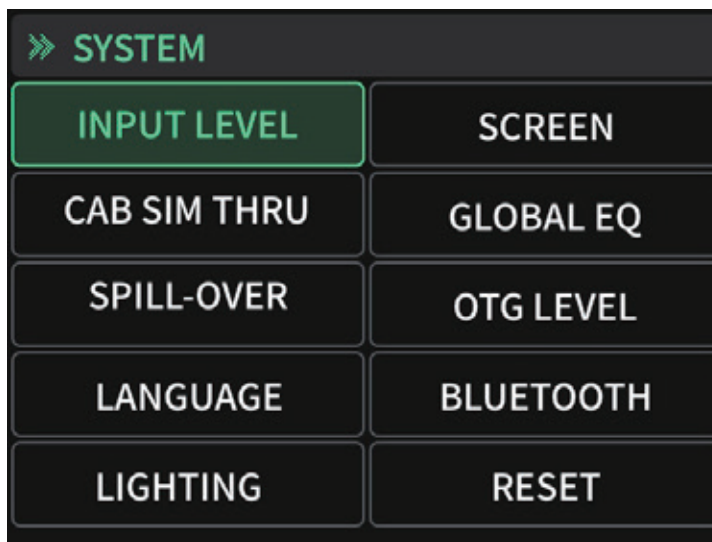
Use a USB cable to connect the GE100 Pro to your smartphone or tablet. Open any third-party recording or social app on your device for direct stereo audio recording and playback.

### **Note:**

- 1. Please ensure your smartphone or tablet supports OTG functionality before using.**
- 2. Ensure you use a USB cable or adapter that fits your mobile device. The GE100 Pro features a USB Type-C port.**

# SYSTEM Settings

Press the SYSTEM button to enter the global settings menu. Use the SELECT/MASTER knob to navigate and make adjustments.



## INPUT LEVEL

Adjusts the global input volume of the GE100 Pro to match the output level of your guitar. Range:  $-\infty \sim 6$ dB. Default: 0dB.

## SCREEN

Adjusts the display brightness to suit different lighting environments.

## **CAB SIM THRU**

If the CAB module is active in a preset, this setting allows you to independently bypass the cab simulation on the left and right output channels. This affects all outputs (L/R outputs, Phones, and OTG audio).

**Note: If the Left and Right channels are configured differently, the CAB module is automatically moved to the very end of the effect chain.**

## **GLOBAL EQ**

This feature provides a master EQ over the entire GE100 Pro output, allowing you to compensate for different venues and PA systems without having to tweak each preset individually.

## **SPILL-OVER**

The GE100 Pro supports delay and reverb spill-over, allowing the trails of these effects to decay naturally even after you switch presets, provided specific conditions are met:

1. Turn ON the SPILL-OVER function in the SYSTEM menu;
2. Copy a target preset and save it to the preset slot you want to switch to;
3. In the new preset, you can toggle effect blocks ON/OFF or tweak parameters;
4. With this setup, when you switch between these two presets, your delay and reverb trails will decay naturally.

## **OTG LEVEL**

Adjusts the audio output volume for the USB OTG function. Range:  $-\infty \sim 6\text{dB}$ . Default: 0dB.

## **LANGUAGE**

Sets the system language to Chinese or English.

## **BLUETOOTH**

Turns the built-in Bluetooth audio module ON/OFF.

## **LIGHTING**

Turns the ambient LED strip ON/OFF;

Adjusts the flow speed and brightness of the lighting.

## **RESET**

Restores the GE100 Pro to its factory default settings;

Displays the current firmware version of the unit.

# Built-in Battery

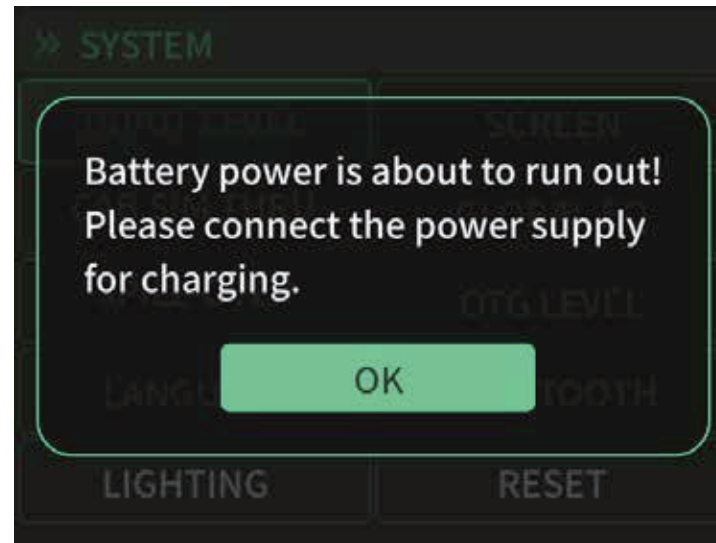
The GE100 Pro Li features a built-in lithium-ion battery. Battery-related indications are described below.

## Battery Level Indicator

When powered ON, the battery level is displayed in the top right corner of the main display.



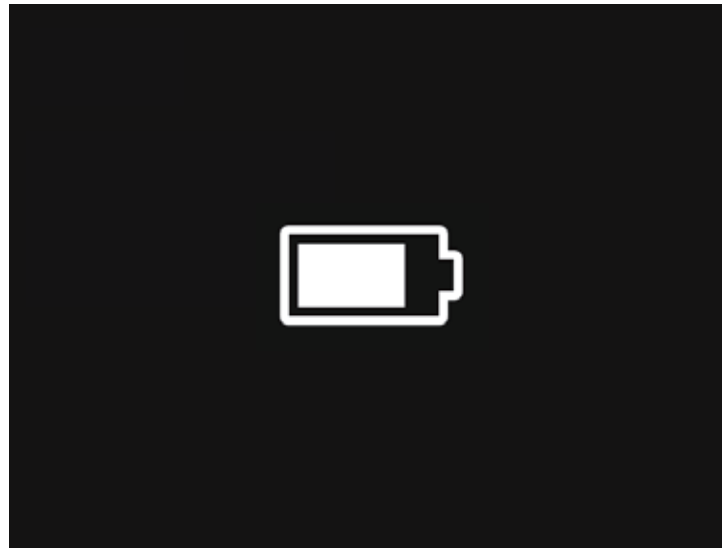
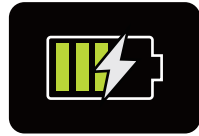
When the battery drops to 20%, a low battery warning will pop up. You must connect the power supply to charge it and prevent the device from shutting off, which would cause any unsaved tweaks to be lost.



When the battery is completely depleted, the unit will power off. It will not power back up until connected to a power supply.

## Charging

When connected to power while turned ON, the battery icon in the top right will display a lightning bolt and animate to indicate charging.



When connected to power while turned OFF, the screen will display a large animated charging icon.

# MOOER STUDIO Software

The GE100 Pro can connect to a computer via the dedicated MOOER STUDIO software for comprehensive tone editing, preset management, sample loading, global backup/restore, and firmware updates.

## **Downloading the Software**

Visit the official MOOER website ([www.mooeraudio.com](http://www.mooeraudio.com)), locate the GE100 Pro downloads page, and download the software installer matching your operating system (Windows/MacOS)

## **System Requirements**

Windows - Windows 10 or later;  
MacOS - 13.0 or later.

## **Connecting to the Software**

After installing, connect the GE100 Pro to your computer using the included USB cable. Open the MOOER STUDIO software, and click the connect toggle in the top left to establish communication.

# Parameter Editing Guide



- 01 Device Connection Info**  
Displays connection status and firmware version. Click the toggle to connect or disconnect.
- 02 Software Function Selection**  
Click to switch between Editor mode and Manager mode.
- 03 Preset List Area**  
Displays all presets on the device. Left-click to select a preset, or right-click to access rename, delete, copy, paste, export, and import functions.
- 04 Effect Chain Area**  
Displays the block layout of the current preset. Left-click to select a block, change its module, drag it to a new location, or toggle it ON/OFF.
- 05 Effect Module Area**  
Shows the available module within the selected block category. Left-click to select a model.
- 06 Parameter Editing Area**  
Displays the parameters for the selected effect model. Left-click to click-and-drag values, or type them in using your keyboard.
- 07 Preset Save Area**  
Edit the preset name and click to save your preset.

**08**

### **Global Functions & Settings Bar**

Displays drum machine tempo and volume info;  
Quick access to CAB SIM THRU settings;  
Displays current expression pedal assignment;  
Configure expression pedal settings;  
Access the global SYSTEM menu.

**09**

### **Language Settings**

Switch the software interface language between Chinese and English.

# Data Management Guide

The screenshot displays the MOGER STUDIO Manager interface. The sidebar on the left contains the following elements:

- 01: A dashed box around the sidebar menu items: 'Device Update', 'MNRS' (highlighted in green), and 'Backup'.
- 03: A callout pointing to the user profile 'Kevinli' at the bottom of the sidebar.

The main content area is titled 'MNRS' and includes the text: 'Compatible with NAM files. Install the File Converter Plugin to import them via "+"'. Below this, there is a table with the following structure:

| DEVICE       |            | Cloud      |   |
|--------------|------------|------------|---|
| DRIVE SAMPLE | AMP SAMPLE | CAB SAMPLE |   |
| 01 Empty     |            | +          | - |
| 02 Empty     |            | +          | - |
| 03 Empty     |            | +          | - |
| 04 Empty     |            | +          | - |
| 05 Empty     |            | +          | - |
| 06 Empty     |            | +          | - |
| 07 Empty     |            | +          | - |
| 08 Empty     |            | +          | - |
| 09 Empty     |            | +          | - |
| 10 Empty     |            | +          | - |

02: A dashed box around the table content, with a callout pointing to the table.

At the bottom of the sidebar, the text 'Version V1.2.7' is visible.

01

### **Manager Functions Area**

Select from available management options including firmware update, sample file import, cloud downloads, and full device backup/restore.

02

### **Manager Operation Area**

Displays the specific interface for the function selected on the left.

03

### **Account Login**

Register or log in to your account to access MOOER Cloud features.

## Firmware Update

Download the software installer containing the latest firmware, install it on your computer, and connect your device;  
In the Manager view, click on Device Update in the left function panel;  
Click Update in the right panel. The device will automatically enter update mode;  
Wait for the progress bar to complete to finish the firmware update.

**Note: Do not disconnect the USB cable or power supply during the update process to avoid bricking your unit.**

# Importing Third-Party IRs

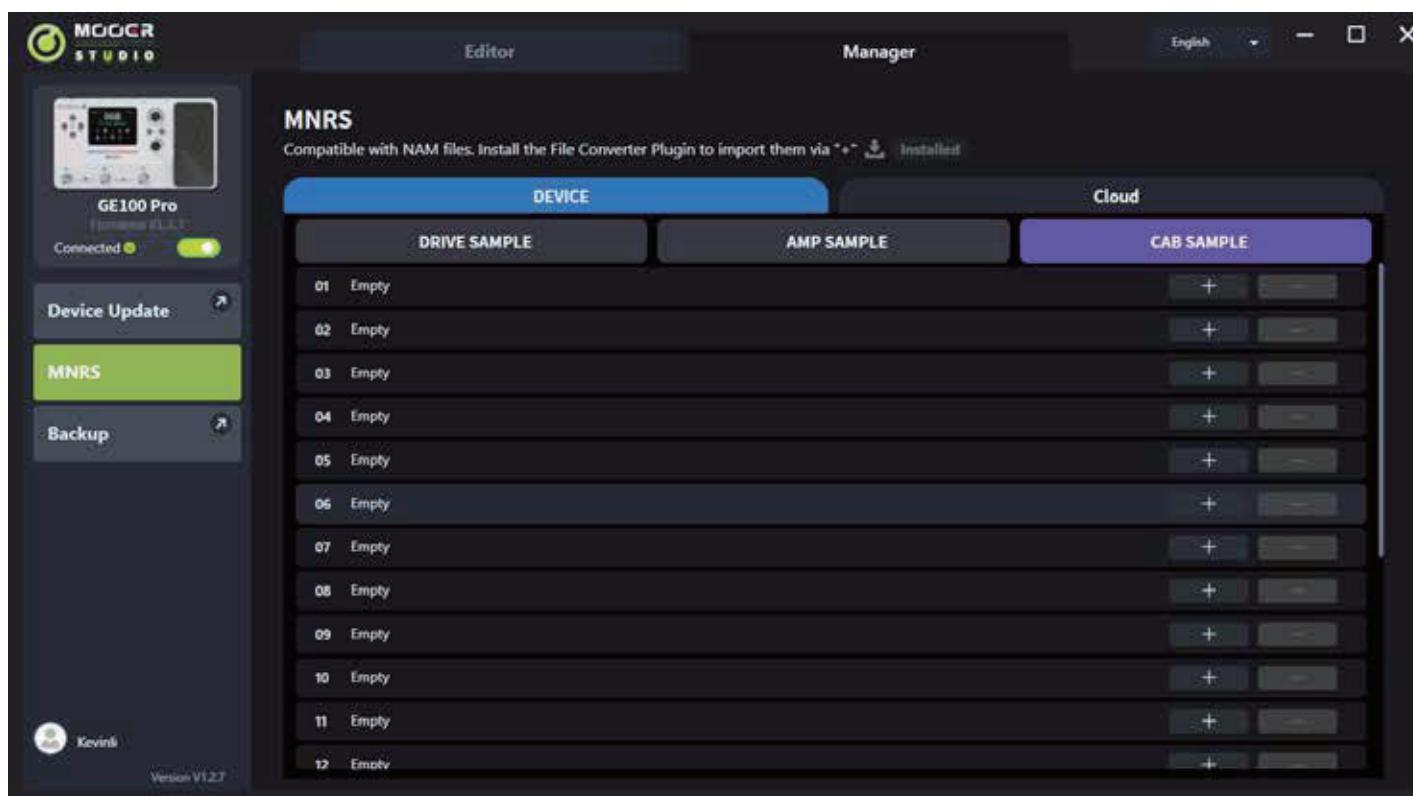
IR (Impulse Response) files are cabinet simulation models. The standard file format for IRs is '.wav'. To load them:

Obtain third-party IR files and save them to your computer;

In MOOER STUDIO, click MNRS in the left function panel;

In the right panel, select DEVICE, click on CAB SAMPLE below it, then click the '+' icon next to a slot;

In the popup window, locate the IR file on your computer and click OK to import it.



# MNRS Sample Management

The GE100 Pro supports four types of MNRS sample files:

DRIVE SAMPLE - Overdrive pedal capture (GNR);

PREAMP SAMPLE - Amp preamp capture (GNR);

ENTIRE SAMPLE - Full amp (preamp+power amp) capture (GNR);

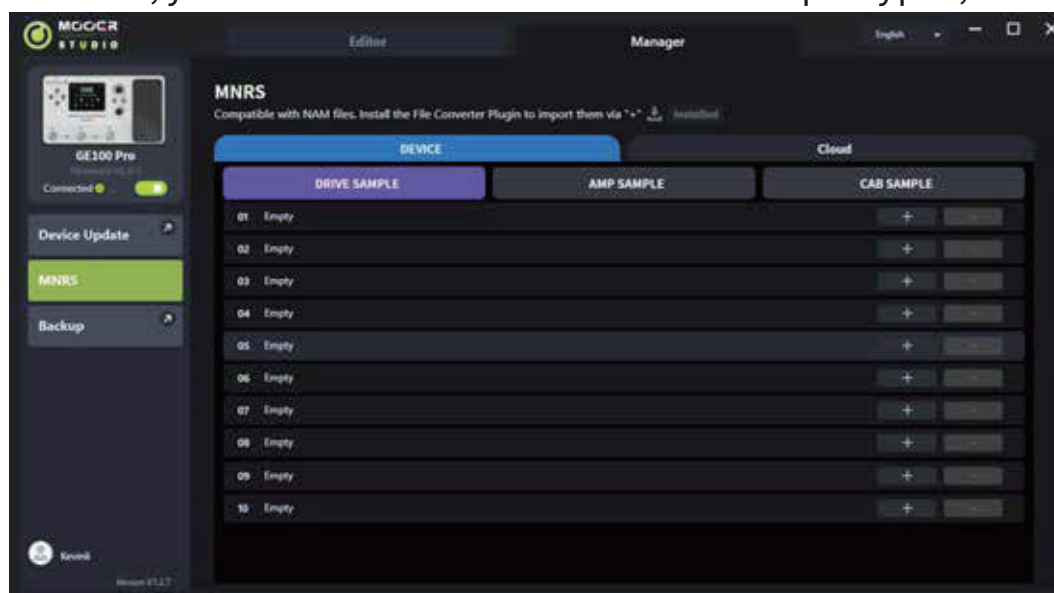
CAB SAMPLE - Cabinet capture (GIR).

You can use the MOOER STUDIO software to manage your local sample files or download user-shared files from the cloud.

## Local File Management

In the Manager view of MOOER STUDIO, click MNRS on the left;

Select DEVICE on the right. Below, you will see lists for the different sample types, corresponding to the GNR & GIR slots on your device.



From here, you can load into or delete content from these slots;  
Click '+' to load an MNRS sample file from your computer;  
Click '-' to delete the loaded MNRS file from that slot.

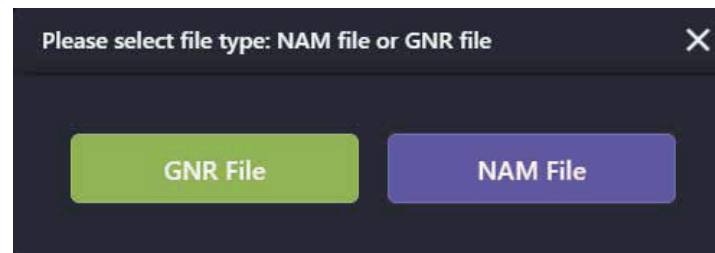
**Note: Official MNRS sample files can be downloaded by registering at [www.mooerstudio.com](http://www.mooerstudio.com).**

### **Loading NAM Sample Files**

The GE100 Pro supports importing NAM (Neural Amp Modeler) profiles by installing a built-in plugin.

In the Manager view, click 'Install built-in plugin', and click 'Install' in the prompt. Wait for the progress to reach 100% and show a success message  **Install** .

Once installed, click '+' in the DRIVE SAMPLE or AMP SAMPLE lists, select 'NAM File', locate the file on your computer, and click OK. Loading is complete when the progress hits 100%.

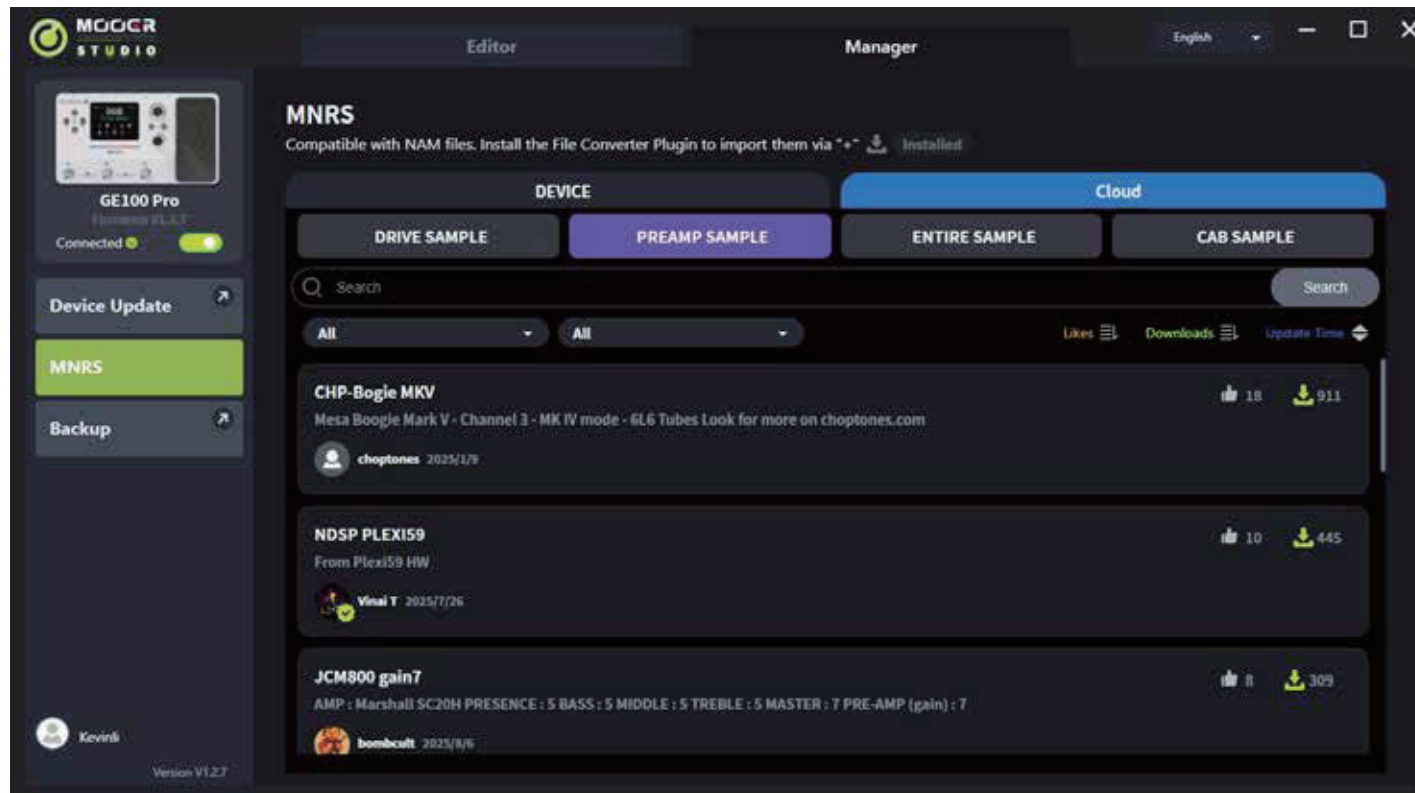


## Cloud Downloads

The GE100 Pro software interfaces directly with the MOOER Cloud for downloading tone files.

Please register and log in to your account before using cloud features.

Click CLOUD in the top panel, browse the sample lists, and select files to download directly to your device.



## **Backup**

The backup function lets you save and restore your entire device's memory, including all presets, loaded GNR/GIR /IR files, and global settings. This is ideal for managing setups across different gigs, eras, or users.

In the Manager view of MOOER STUDIO, click Backup on the left.

Click the Backup icon on the right and wait. Once finished, a backup record will appear, completing the backup process.

To restore data, locate the desired backup record in the list and click the Restore icon next to it.

# MOOER CLOUD APP

The MOOER CLOUD APP is a mobile data management tool for the intelligent multi-effects series. Via Bluetooth, you can edit preset parameters, upload/download presets, and import thousands of GNR/GIR samples from the cloud.

## Downloading the Software

iOS users: search for 'MOOER CLOUD' in the App Store; Android users: search in Google Play or download it from the MOOER official website.

## System Requirements

Requires iOS 11.0 or later; Android 5.0 or later.

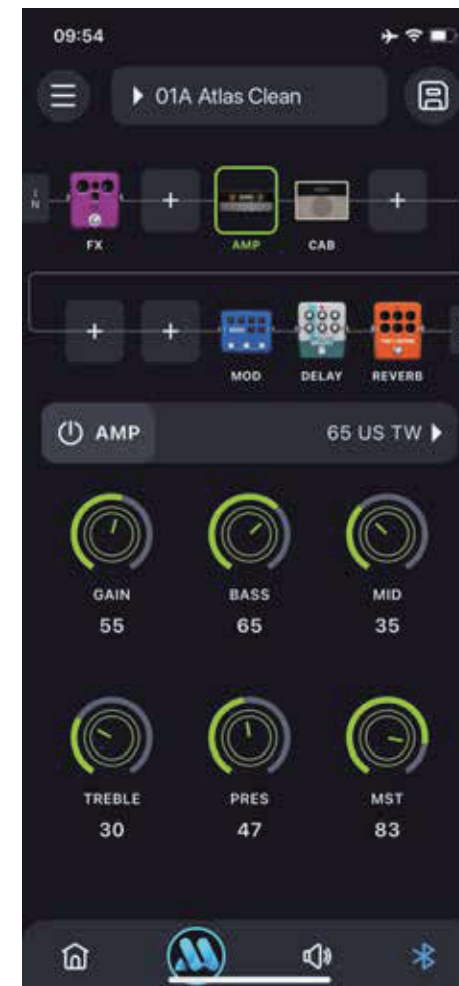
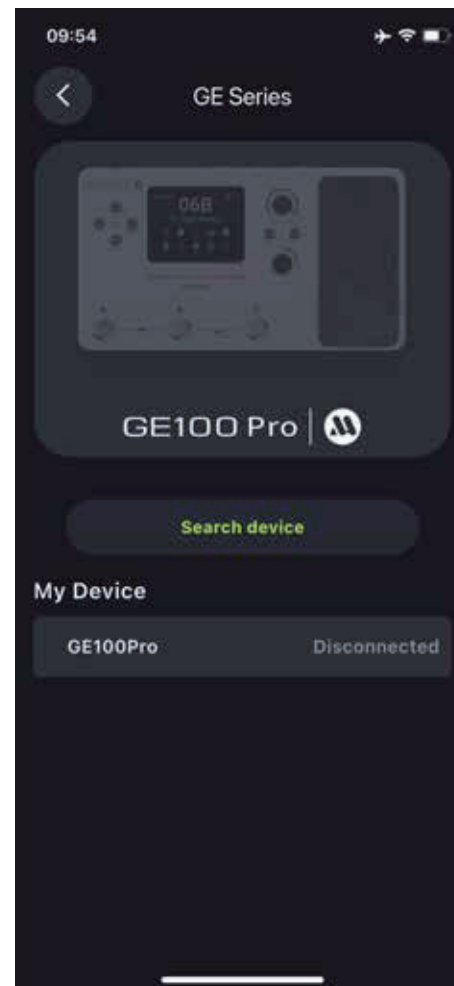
## Connecting to the App

Ensure Bluetooth is enabled on your smartphone;

Open the app, locate the GE100 Pro icon on the main screen, and tap it;

Tap 'Search device' and select your device from the list below;

Tap your device name to connect. Once the progress reaches 100%, you will enter the parameter editing screen.



# Parameter Editing Guide

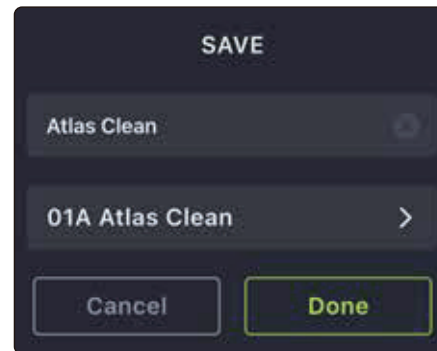


### 01 **Preset List Area**

Displays the current preset name. Tap to open a dropdown menu of all presets, and tap any name to switch to it.

### 02 **Preset Save Icon**

Tap to SAVE your preset. A window allows you to rename it and select a save slot. Tap Done to save, or Cancel to back out.



### 03 **Effect Chain Area**

Displays the effect chain layout for the current preset.

Tap the '+' icon in the chain to open the module selection menu, where you can add new effect modules;

Tap any loaded effect block to select it;

Tap and hold to move the effect block within the chain;

Double-tap a block to toggle it ON/OFF;

Long-press a block until the delete icon appears, then tap it to remove the module .

#### 04 **Effect Module Display**

Shows the category and name of the currently selected effect, plus its ON/OFF status.

Tap the switch icon on the left to toggle it ON/OFF;

Tap the module name area on the right to enter the selection menu to change types.

#### 05 **Parameter Area**

Displays the parameters for the current model. Tap and slide up/down on a parameter icon to adjust its value.

**Note: For parameters with a wide range (like Custom EQ FREQ 1/2/3), tap and hold the parameter icon for 1 second to enter fine-tuning mode. Swipes will now adjust values by  $\pm 1$  for precise control.**

#### 06 **Bottom Status Bar**

Tap 'HOME' to return to the device connection screen;

Tap the MOOER AI icon to access the AI Assistant;

Tap the speaker icon to adjust the Master output volume;

Tap the Bluetooth icon to connect or disconnect the device.

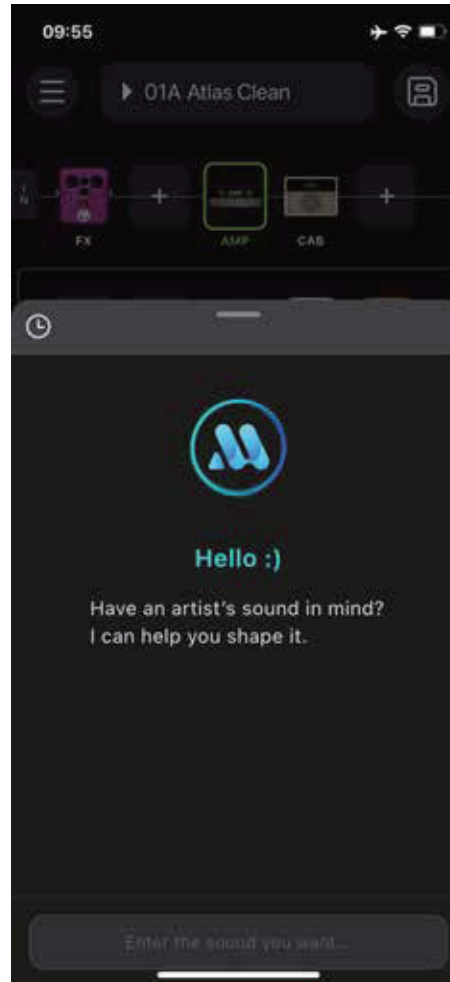
#### 07 **Side Menu Bar**

Click to expand the functional area of the side menu bar.

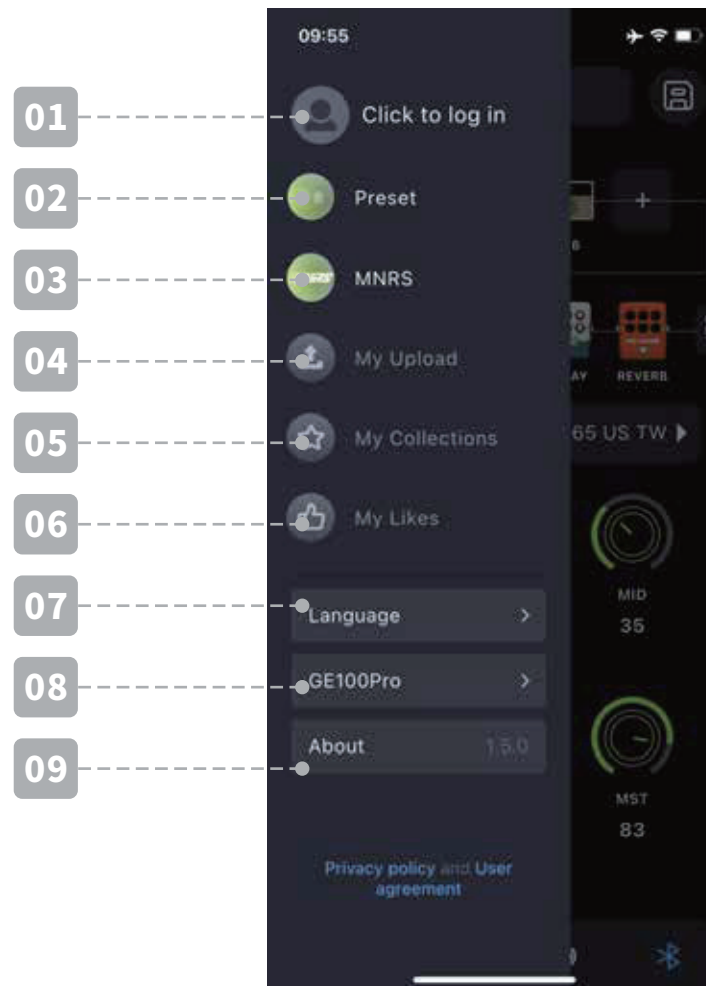
# MOOER AI Assistant

The MOOER AI Assistant generates tone settings tailored to your prompts, which you can audition or save to your local presets.

For example, if you input 'I want the Hotel California solo tone', the AI will generate 3 matching tones for you to choose from.



# Side Menu Functions



- 01 User Login**  
Tap to log in or change your profile avatar.
- 02 Preset Cloud**  
Tap to enter the cloud library. You can upload your local presets, or download factory presets and user uploads directly to your GE100 Pro. Tap the headphone icon next to a preset to audition it.
- 03 MNRS Sample Cloud**  
Tap to enter the MNRS cloud. Manage your local GNR & GIR files, or download from the massive library of user-uploaded files.
- 04 My Uploads**  
Tap to view all presets you have uploaded.
- 05 My Collections**  
Tap to view the presets you have bookmarked.
- 06 My Likes**  
Tap to view presets you have liked.
- 07 Language**  
Set the app interface to Chinese or English.

08

### **Device Bluetooth Name**

Displays the Bluetooth name of the connected unit. Tap to edit and rename it.

09

### **About**

Displays the current App version information.

# Effects List

| PRE-EFFECTS |                  |                                                                                                                                                                                      |
|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No.         | Model Name       | Description                                                                                                                                                                          |
| 1           | GCB95 Wah        | Based on the Crybaby GCB95 wah pedal                                                                                                                                                 |
| 2           | 535 Wah          | Based on the modern 535Q wah effect                                                                                                                                                  |
| 3           | Auto Wah         | Simulates an auto-sweeping wah effect                                                                                                                                                |
| 4           | Talk Wah AH      | Based on the MOOER® RedKid Talk Wah simulating an 'AH' vocal sound                                                                                                                   |
| 5           | Talk Wah OH      | Based on the MOOER® RedKid Talk Wah simulating an 'OH' vocal sound                                                                                                                   |
| 6           | Touch Wah        | Dynamically responsive envelope filter auto-wah                                                                                                                                      |
| 7           | Yellow Comp      | Based on the MOOER® YELLOW COMP compressor, featuring 4 configurable parameters                                                                                                      |
| 8           | Blue Comp        | Based on the MOOER® BLUE COMP compressor, featuring 4 configurable parameters                                                                                                        |
| 9           | S-Comp           | Dual-parameter compressor effect                                                                                                                                                     |
| 10          | Red Comp         | Dual-parameter compressor effect                                                                                                                                                     |
| 11          | Boost Comp       | Compressor/Boost effect with 3-band EQ                                                                                                                                               |
| 12          | Deluxe Comp      | Modern studio-style compressor effect                                                                                                                                                |
| 13          | Blend Comp       | Compressor effect with adjustable dry/wet blend                                                                                                                                      |
| 14          | Limiter          | Dual-parameter limiter effect                                                                                                                                                        |
| 15          | Noise Suppressor | Unlike standard noise gates, it works by separating the regular signal from white noise and eliminating the latter, reducing noise while maintaining a natural decay of your trails. |

| <b>DRIVE</b> |                           |                                                    |
|--------------|---------------------------|----------------------------------------------------|
| <b>No.</b>   | <b>Model Name</b>         | <b>Description</b>                                 |
| 1            | Butler Tube Overdrive     | Based on the B.K. Butler® Tubedrive tube overdrive |
| 2            | Ibanez 808                | Based on the IBANEZ® TS808 overdrive               |
| 3            | Mooer Pure Boost          | Based on the MOOER® Pure Boost pedal               |
| 4            | Mooer Flex Boost          | Based on the MOOER® Flex Boost pedal               |
| 5            | DOD OD250                 | Based on the DOD® OD250 overdrive                  |
| 6            | Barber Direct Overdrive   | Based on the Barber® Direct Drive overdrive        |
| 7            | Black Rat Distortion      | Based on the ProCo® Rat distortion                 |
| 8            | Mooer Fuzz Face           | Based on the MOOER® Grey Faze                      |
| 9            | Big Muff Fuzz             | Based on the EHX® Big Muff fuzz                    |
| 10           | Fuzz Factory              | Based on the ZVEX® Fuzz Factory                    |
| 11           | Metal Zone                | Based on the BOSS® Metal Zone distortion           |
| 12           | Metal Master              | Based on the Digitech® Metal Master distortion     |
| 13           | Fulltone OCD              | Based on the Fulltone® OCD distortion              |
| 14           | Cochrane Timmy Overdrive  | Based on the Paul Cochrane® Timmy OD               |
| 15           | Fulltone Fulldrive        | Based on the Fulltone® Fulldrive 2 overdrive       |
| 16           | Marshall Shred Distortion | Based on the Marshall® Shred Master distortion     |
| 17           | Xotic BB Overdrive        | Based on the Xotic® BB Preamp boost/overdrive      |
| 18           | Xotic BB+ Overdrive       | Based on the Xotic® BB Plus overdrive/distortion   |

| <b>DRIVE</b> |                             |                                                 |
|--------------|-----------------------------|-------------------------------------------------|
| <b>No.</b>   | <b>Model Name</b>           | <b>Description</b>                              |
| 19           | Suhr Riot Distortion        | Based on the Suhr® Riot distortion              |
| 20           | Amptweaker Tight Distortion | Based on the Amptweaker® TightRock distortion   |
| 21           | Fulltone GT500              | Based on the Fulltone® GT-500 distortion        |
| 22           | Gold Centaur                | Based on the Klon® Centaur Gold overdrive       |
| 23           | Vox Tube Overdrive          | Based on the VOX® Tube OD overdrive             |
| 24           | Amptweaker Tight Metal      | Based on the Amptweaker® Tight Metal distortion |
| 25           | Mooer Juicer Overdrive      | Based on the MOOER® The Juicer overdrive        |
| 26           | Mooer Rumble Overdrive      | Based on the MOOER® Rumble Drive overdrive      |
| 27           | Mooer Solo Distortion       | Based on the MOOER® Solo distortion             |
| 28           | Mooer Blues Mood            | Based on the MOOER® Blues Mood overdrive        |
| 29           | Mooer Blues Crab            | Based on the MOOER® Blues Crab overdrive        |
| 30           | Mooer Hustle Overdrive      | Based on the MOOER® Hustle Drive distortion     |
| 31           | Mooer Blade Distortion      | Based on the MOOER® Blade distortion            |
| 32           | Maxon 881 Overdrive         | Based on the MAXON® ROD-881 overdrive           |
| 33           | Red Andy Overdrive          | Based on the JHS® The AT overdrive              |
| 34           | Nobels Overdrive            | Based on the NOBELS® ODR-1 overdrive            |
| 35           | Friedman Distortion         | Based on the FRIEDMAN® BE-OD distortion         |

| AMP |                               |                                                                 |
|-----|-------------------------------|-----------------------------------------------------------------|
| No. | Model Name                    | Description                                                     |
| 1   | Fender 65 Deluxe Reverb       | Based on the preamp of a Fender® 65 Deluxe Reverb               |
| 2   | Fender 65 Twin Reverb         | Based on the preamp of a Fender® 65 Twin Reverb                 |
| 3   | Fender 62 Deluxe Brownface    | Based on the preamp of a Fender® Brownface Deluxe               |
| 4   | Fender 55 Deluxe Tweed        | Based on the preamp of a Fender® Tweed Deluxe 1955              |
| 5   | Fender 59 Bassman             | Based on the preamp of a Fender® 59 Bassman                     |
| 6   | Fender Super Sonic            | Based on the preamp of a Fender® Super Sonic                    |
| 7   | Fender Blues Deluxe Clean     | Based on the clean preamp channel of a Fender® Blues Deluxe     |
| 8   | Fender Blues Deluxe Overdrive | Based on the drive preamp channel of a Fender® Blues Deluxe     |
| 9   | Matchless C30 Clean           | Based on the clean preamp channel of a Matchless® C30           |
| 10  | Matchless C30 Overdrive       | Based on the drive preamp channel of a Matchless® C30           |
| 11  | Marshall J800                 | Based on the preamp of a Marshall® JCM800                       |
| 12  | Marshall J900                 | Based on the preamp of a Marshall® JCM900                       |
| 13  | Marshall Plexi 100            | Based on the preamp of a Marshall® Plexi 100                    |
| 14  | Engl 650 Clean                | Based on the clean preamp channel of an Engl® E650              |
| 15  | Engl 650 Distortion           | Based on the lead preamp channel of an Engl® E650               |
| 16  | Custom OD100 Clean            | Based on the clean preamp channel of a Custom Audio® OD100      |
| 17  | Custom OD100 Overdrive        | Based on the overdrive preamp channel of a Custom Audio® OD100  |
| 18  | Custom OD100 Distortion       | Based on the distortion preamp channel of a Custom Audio® OD100 |

| <b>AMP</b> |                                            |                                                                              |
|------------|--------------------------------------------|------------------------------------------------------------------------------|
| <b>No.</b> | <b>Model Name</b>                          | <b>Description</b>                                                           |
| 19         | Suhr PT100 Clean                           | Based on the clean preamp channel of a Suhr® PT100                           |
| 20         | Suhr PT100 Distortion                      | Based on the lead preamp channel of a Suhr® PT100                            |
| 21         | Engl Powerball Clean                       | Based on the clean preamp channel of an Engl® Powerball E645                 |
| 22         | Engl Powerball Distortion                  | Based on the distortion preamp channel of an Engl® Powerball E645            |
| 23         | Engl Blackmore Clean                       | Based on the clean preamp channel of an Engl® Blackmore Signature            |
| 24         | Engl Blackmore Distortion                  | Based on the distortion preamp channel of an Engl® Blackmore Signature       |
| 25         | Mesa Boogie Mark III Clean                 | Based on the clean preamp channel of a MESA Boogie® MARK III                 |
| 26         | Mesa Boogie Mark III Distortion            | Based on the distortion preamp channel of a MESA Boogie® MARK III            |
| 27         | Mesa Boogie Mark V Clean                   | Based on the clean preamp channel of a MESA Boogie® MARK V                   |
| 28         | Mesa Boogie Mark V Distortion              | Based on the distortion preamp channel of a MESA Boogie® MARK V              |
| 29         | Mesa Boogie Triple Rectifier Clean         | Based on the clean preamp channel of a MESA Boogie® Triple Rectifier         |
| 30         | Mesa Boogie Triple Rectifier Distortion    | Based on the distortion preamp channel of a MESA Boogie® Triple Rectifier    |
| 31         | Mesa Boogie Rectifier Badlander Clean      | Based on the clean preamp channel of a Mesa Boogie® Rectifier Badlander      |
| 32         | Mesa Boogie Rectifier Badlander Overdrive  | Based on the overdrive preamp channel of a Mesa Boogie® Rectifier Badlander  |
| 33         | Mesa Boogie Rectifier Badlander Distortion | Based on the distortion preamp channel of a Mesa Boogie® Rectifier Badlander |
| 34         | Orange Rocker Clean                        | Based on the clean preamp channel of an Orange® Rockerverb                   |
| 35         | Orange Rocker Distortion                   | Based on the distortion preamp channel of an Orange® Rockerverb              |
| 36         | Orange AD30                                | Based on the preamp of an Orange® AD30                                       |
| 37         | Orange OR50                                | Based on the preamp of an Orange® OR50                                       |

| <b>AMP</b> |                            |                                                              |
|------------|----------------------------|--------------------------------------------------------------|
| <b>No.</b> | <b>Model Name</b>          | <b>Description</b>                                           |
| 38         | Soldano S100 Crunch        | Based on the crunch preamp channel of a Soldano® SLO-100     |
| 39         | Soldano S100 Distortion    | Based on the distortion preamp channel of a Soldano® SLO-100 |
| 40         | Dr.Z Maz 18 Jr             | Based on the preamp of a DR.Z® Maz 18 Jr                     |
| 41         | Dr.Z Z-Wreck               | Based on the preamp of a DR.Z® Z-Wreck                       |
| 42         | Jet City JCA100H Clean     | Based on the clean preamp channel of a Jet City® JCA100H     |
| 43         | Jet City JCA100H Overdrive | Based on the overdrive preamp channel of a Jet City® JCA100H |
| 44         | Roland JC120               | Based on the preamp of a Roland® JC-120                      |
| 45         | Vox AC30 Clean             | Based on the clean preamp channel of a VOX® AC30             |
| 46         | Vox AC30 Overdrive         | Based on the overdrive preamp channel of a VOX® AC30         |
| 47         | Hiwatt DR130               | Based on the preamp of a Hiwatt® DR-103                      |
| 48         | Peavey 5150 Clean          | Based on the clean preamp channel of a Peavey® 5150          |
| 49         | Peavey 5150 Distortion     | Based on the distortion preamp channel of a Peavey® 5150     |
| 50         | Tone King Falcon Rhythm    | Based on the Rhythm preamp channel of a Tone King® Falcon    |
| 51         | Tone King Falcon Tweed     | Based on the Tweed preamp channel of a Tone King® Falcon     |
| 52         | Tone King Falcon Lead      | Based on the Lead preamp channel of a Tone King® Falcon      |
| 53         | Two Rock Coral Clean       | Based on the clean preamp channel of a Two Rock® Coral       |
| 54         | Two Rock Coral Overdrive   | Based on the overdrive preamp channel of a Two Rock® Coral   |
| 55         | Two Rock Cardiff           | Based on the preamp of a Two Rock® Cardiff                   |
| 56         | EVH 5150 Clean             | Based on the clean preamp channel of an EVH® 5150            |

| <b>AMP</b> |                            |                                                                     |
|------------|----------------------------|---------------------------------------------------------------------|
| <b>No.</b> | <b>Model Name</b>          | <b>Description</b>                                                  |
| 57         | EVH 5150 Distortion        | Based on the distortion preamp channel of an EVH® 5150              |
| 58         | Blackstar HT100 Clean      | Based on the clean preamp channel of a Blackstar® HT Stage 100      |
| 59         | Blackstar HT100 Distortion | Based on the distortion preamp channel of a Blackstar® HT Stage 100 |
| 60         | Diezel Hagen Clean         | Based on the clean preamp channel of a Diezel® Hagen                |
| 61         | Diezel Hagen Overdrive     | Based on the overdrive preamp channel of a Diezel® Hagen            |
| 62         | Diezel Hagen Distortion    | Based on the distortion preamp channel of a Diezel® Hagen           |
| 63         | Koch Powertone Overdrive   | Based on the overdrive preamp channel of a Koch® Powertone          |
| 64         | Koch Powertone Distortion  | Based on the distortion preamp channel of a Koch® Powertone         |
| 65         | Ampeg B18 Clean            | Based on the clean preamp channel of an Ampeg® B18                  |
| 66         | Ampeg B18 Distortion       | Based on the distortion preamp channel of an Ampeg® B18             |
| 67         | Ampeg SVT 4                | Based on the preamp of an Ampeg® SVT 4 Pro                          |
| 68         | Aguilar 750                | Based on the low-distortion preamp setting of an Aguilar® DB750     |
| 69         | Markbass 500               | Based on the preamp of a Markbass® R500                             |
| 70         | GRBass 700+                | Based on the preamp of a GRBass® GR700+                             |
| 71         | Carvin B1500               | Based on the preamp of a Carvin® B1500                              |
| 72         | Hughes & Kettner BassForce | Based on the preamp of a Hughes & Kettner® BassForce XXL            |
| 73~92      | Empty                      | Empty slots for GNR files; import via the desktop editor software   |

| <b>CAB (Cabinet)</b> |                          |                                                                  |
|----------------------|--------------------------|------------------------------------------------------------------|
| <b>No.</b>           | <b>Model Name</b>        | <b>Description</b>                                               |
| 1                    | Fender Deluxe Reverb 112 | Based on a Fender® 65 Deluxe Reverb 1x12 cabinet                 |
| 2                    | Fender Twin Reverb 212   | Based on a Fender® 65 Twin Reverb 2x12 cabinet                   |
| 3                    | Fender Bassman 410       | Based on a Fender® 59 Bassman 4x10 cabinet                       |
| 4                    | Fender Super Sonic 112   | Based on a Fender® Super Sonic 1x12 cabinet                      |
| 5                    | Fender Blues Deluxe 112  | Based on a Fender® Blues Deluxe 1x12 cabinet                     |
| 6                    | Matchless 30 112         | Based on a Matchless® C30 1x12 cabinet                           |
| 7                    | Marshall 1960A 412       | Based on a Marshall® 1960A 4x12 cabinet                          |
| 8                    | Engl Pro XXL 412         | Based on an ENGL® Pro XXL 4x12 cabinet                           |
| 9                    | Engl Vintage XXL 412     | Based on an ENGL® Vintage XXL 4x12 cabinet                       |
| 10                   | Custom 112               | Based on a Custom Audio® 1x12 cabinet                            |
| 11                   | Custom 212               | Based on a Custom Audio® 2x12 cabinet                            |
| 12                   | Custom 412               | Based on a Custom Audio® 4x12 cabinet                            |
| 13                   | Suhr 112                 | Based on a Suhr® PT100 1x12 cabinet                              |
| 14                   | Suhr 212                 | Based on a Suhr® PT100 2x12 cabinet                              |
| 15                   | Suhr 412                 | Based on a Suhr® PT100 4x12 cabinet                              |
| 16                   | Mesa Boogie 412 A        | Based on a Mesa Boogie® Recto® Traditional Slant 4x12 cabinet    |
| 17                   | Mesa Boogie 412 B        | Based on a Mesa Boogie® Recto® Traditional Straight 4x12 cabinet |
| 18                   | Mesa Boogie 412 C        | Based on a Mesa Boogie® Road King® Straight 4x12 cabinet         |

| <b>CAB (Cabinet)</b> |                           |                                                         |
|----------------------|---------------------------|---------------------------------------------------------|
| <b>No.</b>           | <b>Model Name</b>         | <b>Description</b>                                      |
| 19                   | Mesa Boogie Rectifier 412 | Based on a Mesa Boogie® Rectifier Standard 4x12 cabinet |
| 20                   | Orange 112                | Based on an Orange® PPC 1x12 cabinet                    |
| 21                   | Orange 212                | Based on an Orange® PPC 2x12 cabinet                    |
| 22                   | Orange 412                | Based on an Orange® PPC 4x12 cabinet                    |
| 23                   | Soldano 412               | Based on a Soldano® Slo 4x12 cabinet                    |
| 24                   | Dr.Z Maz 112              | Based on a DR.Z® MAZ 1x12 cabinet                       |
| 25                   | Dr.Z Z-Wreck 212          | Based on a DR.Z® Z-Wreck 2x12 cabinet                   |
| 26                   | Roland JC120 212          | Based on a Roland® JC120 2x12 cabinet                   |
| 27                   | Vox AC30 212              | Based on a VOX® AC30 2x12 cabinet                       |
| 28                   | Hiwatt AP 412             | Based on a Hiwatt® AP 4x12 cabinet                      |
| 29                   | Peavey 5150 412           | Based on a Peavey® 5150 4x12 cabinet                    |
| 30                   | Tone King Falcon 110      | Based on a Tone King® Falcon 1x10 cabinet               |
| 31                   | Tone King Sky King 112    | Based on a Toneking® Sky King 1x12 cabinet              |
| 32                   | Two Rock 212              | Based on a Two Rock® 2x12 cabinet                       |
| 33                   | Two Rock 112              | Based on a Two Rock® 1x12 cabinet                       |
| 34                   | EVH 5150 212              | Based on an EVH® 5150III 2x12 cabinet                   |
| 35                   | EVH 5150 412              | Based on an EVH® 5150III 4x12 cabinet                   |
| 36                   | Blackstar HTV 412         | Based on a Blackstar® HTV 4x12 cabinet                  |
| 37                   | Diezel Hagen 412          | Based on a Diezel® Hagen 4x12 cabinet                   |

| <b>CAB (Cabinet)</b> |                                |                                                                       |
|----------------------|--------------------------------|-----------------------------------------------------------------------|
| <b>No.</b>           | <b>Model Name</b>              | <b>Description</b>                                                    |
| 38                   | CT-Fender Super Sonic 212      | Based on a Fender® Super Sonic 2x12 cabinet (by Choptones)            |
| 39                   | CT-Fender 67 Twin Reverb 212   | Based on a Fender® Twin Reverb 65 Reissue 2x12 cabinet (by Choptones) |
| 40                   | CT-Marshall JV 212             | Based on a Marshall® JVM 2x12 cabinet (by Choptones)                  |
| 41                   | CT-Marshall 1960 412           | Based on a Marshall® 1960 4x12 cabinet (by Choptones)                 |
| 42                   | CT-Mesa Boogie 212             | Based on a Mesa Boogie® 2x12 cabinet (by Choptones)                   |
| 43                   | CT-Mesa Boogie OS 412          | Based on a Mesa Boogie® OS 4x12 cabinet (by Choptones)                |
| 44                   | CT-Vox BNX 212                 | Based on a VOX® BNX 2x12 cabinet (by Choptones)                       |
| 45                   | CT-Framus CB 212               | Based on a Framus® CB 2x12 cabinet (by Choptones)                     |
| 46                   | CT-Koch Multitone 212          | Based on a Koch® Multitone 2x12 cabinet (by Choptones)                |
| 47                   | CT-Morgan Vertical 212         | Based on a Morgan® Vertical 2x12 cabinet (by Choptones)               |
| 48                   | CT-EVH 5150III 412             | Based on an EVH® 5150III 4x12 cabinet (by Choptones)                  |
| 49                   | CT-Friedman 412                | Based on a Friedman® 4x12 cabinet (by Choptones)                      |
| 50                   | CT-Diezel 412                  | Based on a Diezel® 4x12 cabinet (by Choptones)                        |
| 51                   | CT-Hesu Modern 212             | Based on a Hesu® Modern 2x12 cabinet (by Choptones)                   |
| 52                   | CT-Hesu 412                    | Based on a Hesu® 4x12 cabinet (by Choptones)                          |
| 53                   | CT-Hiwatt 412                  | Based on a Hiwatt® 4x12 cabinet (by Choptones)                        |
| 54                   | CT-Hughes & Kettner Triamp 412 | Based on a Hughes&Kettner® Triamp 4x12 cabinet (by Choptones)         |
| 55                   | CT-Orange PPC 412              | Based on an Orange® PPC412 4x12 cabinet (by Choptones)                |
| 56                   | CT-Peavey Invective 212        | Based on a Peavey® Invective 2x12 cabinet (by Choptones)              |

| <b>CAB (Cabinet)</b> |                                |                                                                                     |
|----------------------|--------------------------------|-------------------------------------------------------------------------------------|
| <b>No.</b>           | <b>Model Name</b>              | <b>Description</b>                                                                  |
| 57                   | CT-Peavey 5150 412             | Based on a Peavey® 5150 4x12 cabinet (by Choptones)                                 |
| 58                   | CT-Revv 412                    | Based on a Revv® 4x12 cabinet (by Choptones)                                        |
| 59                   | CT-Rivera 412                  | Based on a Rivera® 4x12 cabinet (by Choptones)                                      |
| 60                   | CT-Soldano 412                 | Based on a Soldano® 4x12 cabinet (by Choptones)                                     |
| 61                   | CT-Victory 412                 | Based on a Victory® 4x12 cabinet (by Choptones)                                     |
| 62                   | Ampeg 118                      | Based on an Ampeg® B18 1x18 cabinet                                                 |
| 63                   | Ampeg 115                      | Based on an Ampeg® SVT-15E cabinet                                                  |
| 64                   | Aguilar 410                    | Based on an Aguilar® DB410 cabinet                                                  |
| 65                   | SWR 410                        | Based on an SWR® Goliath III 4x10 cabinet                                           |
| 66                   | Mesa Boogie 810                | Based on a Mesa Boogie® PowerHouse 8x10 cabinet                                     |
| 67                   | Hughes & Kettner BassForce 115 | Based on a Hughes & Kettner® BassForce XXL 115 cabinet                              |
| 68~87                | Empty                          | Empty slots for GIR or third-party IR files; import via the desktop editor software |

| NOISE REDUCTION |                  |                                                                                                                                                                                                                                                                        |
|-----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No.             | Model Name       | Description                                                                                                                                                                                                                                                            |
| 1               | Noise Killer     | Based on the Mooer® Micro Noise Killer pedal; a simple threshold control quickly and effectively eliminates noise                                                                                                                                                      |
| 2               | Noise Suppressor | Unlike typical noise gates, it works by separating the regular signal from white noise and removing the white noise. This reduces unwanted hum while preserving the natural decay of notes. We recommend placing this module before your distortion or amp simulation. |
| 3               | Noise Gate       |                                                                                                                                                                                                                                                                        |

| EQ  |             |                                                               |
|-----|-------------|---------------------------------------------------------------|
| No. | Model Name  | Description                                                   |
| 1   | 3-Band EQ   | 3-band EQ for guitar                                          |
| 2   | Mooer G-EQ  | 5-band EQ for guitar                                          |
| 3   | Mooer HM-EQ | 5-band EQ tailored for heavy metal/high-gain sounds           |
| 4   | Mooer G6-EQ | 6-band EQ for guitar                                          |
| 5   | Mooer B-EQ  | 5-band EQ for guitar                                          |
| 6   | Custom EQ   | Provides a 3-band parametric EQ with customizable frequencies |

| MODULATION |                 |                                                                          |
|------------|-----------------|--------------------------------------------------------------------------|
| No.        | Model Name      | Description                                                              |
| 1          | Classic Phaser  | Based on the MOOER® Ninety Orange standard sine wave phaser              |
| 2          | Square Phaser   | Square wave-based phaser effect                                          |
| 3          | Fat Phaser      | A phaser effect emphasizing low frequencies                              |
| 4          | Classic Flanger | Based on the MOOER® E-Lady square wave flanger                           |
| 5          | Jet Flanger     | Based on the MOOER® Jet Flanger effect                                   |
| 6          | Tremolo         | Based on the MOOER® Trelicopter volume tremolo                           |
| 7          | Square Tremolo  | Square wave-based volume tremolo                                         |
| 8          | Pitch Vibrato   | Standard pitch modulation vibrato                                        |
| 9          | Pitch Shift     | Changes the pitch of the original signal                                 |
| 10         | Detune          | Mixes slightly detuned voices with the dry signal for a chorusing effect |
| 11         | Rotary Speaker  | Simulates a classic rotating speaker cabinet                             |
| 12         | Analog Chorus   | Classic analog-style chorus                                              |
| 13         | Tri-Chorus      | A thicker, more pronounced multi-voice chorus                            |
| 14         | Ring Modulator  | Produces a bell-like, dissonant ring modulation effect                   |
| 15         | Bandpass Filter | Modulated bandpass filter                                                |
| 16         | Highpass Filter | Modulated filter emphasizing high frequencies                            |
| 17         | Lowpass Filter  | Modulated filter emphasizing low frequencies                             |
| 18         | Slow Gear       | Volume swell effect that softens or removes the initial pick attack      |
| 19         | Lo-Fi           | Lowers the sample rate to achieve a degraded, low-fidelity sound         |

| MODULATION |                    |                                                                            |
|------------|--------------------|----------------------------------------------------------------------------|
| No.        | Model Name         | Description                                                                |
| 20         | Multi-Stage Phaser | An analog-style phaser with multiple stages                                |
| 21         | Modern Phaser      | Phaser effect with a clean, modern tone                                    |
| 22         | Pro Flanger        | Studio-quality flanger with comprehensive parameter controls               |
| 23         | Modern Flanger     | Flanger effect with a modern tone                                          |
| 24         | Modern Rotary      | Modern-sounding rotary speaker simulation                                  |
| 25         | Opto Tremolo       | Optical-style volume tremolo                                               |
| 26         | Octave             | Adds notes one octave lower or higher to your dry signal                   |
| 27         | Pan                | Auto-panner that sweeps your signal left and right for stereophonic motion |

| DELAY |                 |                                                                                                 |
|-------|-----------------|-------------------------------------------------------------------------------------------------|
| No.   | Model Name      | Description                                                                                     |
| 1     | Digital Delay   | A basic digital delay offering pristine, clear repeats of your original signal                  |
| 2     | Analog Delay    | Digital recreation of the warm, smooth characteristics born from analog bucket-brigade circuits |
| 3     | Echo Delay      | Recreates the natural echoes found in acoustic spaces                                           |
| 4     | Tape Echo       | Simulates the tone of classic vintage tape delays                                               |
| 5     | Mod Delay       | Adds modulation to the delay trails for a lush, chorusing effect                                |
| 6     | Reverse Delay   | Plays the delayed signal backward                                                               |
| 7     | Ping Pong Delay | A stereo delay that bounces the repeats horizontally between the left and right channels        |
| 8     | Dynamic Delay   | A digital delay that ducks (lowers volume) while you play and swells back up when you stop      |
| 9     | Dual Delay      | A delay effect featuring two independent delay times running simultaneously                     |
| 10    | Filter Delay    | A delay with an integrated sweeping filter on the repeats                                       |
| 11    | Vintage Delay   | A lo-fi delay that adds vintage grit and character to the repeats                               |
| 12    | Slow-Gear Delay | Combines delay with a volume swell on the trails, creating ambient, synth-like textures         |

| <b>REVERB</b> |                   |                                                                                                      |
|---------------|-------------------|------------------------------------------------------------------------------------------------------|
| <b>No.</b>    | <b>Model Name</b> | <b>Description</b>                                                                                   |
| 1             | Room Reverb       | Recreates the acoustic properties and reflections of a small room                                    |
| 2             | Hall Reverb       | Simulates a large concert hall with complex reflections and long decay times                         |
| 3             | Church Reverb     | An enormous reverb simulating a cathedral or church, featuring extremely long decay times            |
| 4             | Plate Reverb      | Simulates the bright, dense sound of a classic studio metal plate reverb                             |
| 5             | Spring Reverb     | Classic, vintage spring tank simulation                                                              |
| 6             | Mod Reverb        | Adds chorus modulation to the reverb tail for a rich, expansive sound                                |
| 7             | Cave Reverb       | Recreates the dark, highly diffuse reflections of a natural cave                                     |
| 8             | Reverse Reverb    | Plays the reverb tail backward, offering a completely unique texture compared to traditional reverbs |
| 9             | Shimmer Reverb    | A gorgeous reverb infused with pitch-shifted, octave-up 'shimmering' trails                          |

**Note: All manufacturer and product names mentioned in the list are the property of their respective companies and are used herein solely to illustrate the simulated effect and tone types of this product.**

# Specifications

| Specifications |                              |                                     |
|----------------|------------------------------|-------------------------------------|
| Category       |                              | Description                         |
| Effects        | Effect Modules               | 9                                   |
|                | Total Effect Models          | Over 200                            |
|                | Preset Slots                 | 150                                 |
|                | <b>Impulse Response (IR)</b> |                                     |
|                | Supported Format             | .WAV                                |
|                | Sample Rate                  | 44.1 kHz                            |
|                | Bit Depth                    | 24-bit                              |
|                | Sample Points                | 512 pts                             |
| Inputs         | <b>INPUT Jack</b>            |                                     |
|                | Connector Type               | 1 x 1/4" unbalanced mono audio jack |
|                | Input Impedance              | 2.2M Ohms                           |
|                | Max Input Level              | 6.3 dBu                             |
|                | <b>A/D Converter</b>         |                                     |
|                | Sample Rate                  | 44.1 kHz                            |
|                | Bit Depth                    | 24-bit                              |
|                | Dynamic Range                | 6.3 dBu                             |

| Specifications |                             |                                       |
|----------------|-----------------------------|---------------------------------------|
| Category       |                             | Description                           |
| <b>Inputs</b>  | Frequency Response          | 20Hz ~ 20kHz                          |
| <b>Outputs</b> | <b>OUTPUT Jacks</b>         |                                       |
|                | Connector Type              | 2 x 1/4" unbalanced mono audio jacks  |
|                | Output Impedance            | 100 Ohms                              |
|                | Max Output Level            | 10.64 dBu                             |
|                | <b>PHONES Jack</b>          |                                       |
|                | Connector Type              | 1 x 1/8" unbalanced stereo audio jack |
|                | Output Impedance            | 47 Ohms                               |
|                | Max Output Level            | 10.64 dBu                             |
|                | <b>D/A Converter</b>        |                                       |
|                | Dynamic Range               | 10.64 dBu                             |
|                | Frequency Response          | 20Hz ~ 20kHz                          |
| <b>Other</b>   | Signal-to-Noise Ratio (SNR) | 110dB                                 |
|                | USB Port                    |                                       |
|                | Connector Type              | 2 x Type-C ports                      |
| <b>General</b> | Power Supply                | GE100 Pro:5V 2A                       |
|                |                             | GE100 Pro Li:5V 2A                    |

| Specifications |                                 |                                                  |
|----------------|---------------------------------|--------------------------------------------------|
| Category       |                                 | Description                                      |
| General        | Li Version Battery Specs & Life | 7.4V, 2000mAh, 14.8Wh                            |
|                |                                 | Approx. 9 hours of battery life                  |
|                | Operating Temperature           | 0°C ~ 60°C                                       |
|                | Dimensions                      | 255.7 x 144 x 53.5 mm                            |
|                | Weight                          | GE100 Pro: 760 g                                 |
|                |                                 | GE100 Pro Li: 856 g                              |
|                | Accessories                     | GE100 Pro: Power Adapter, USB Cable, Quick Guide |
|                |                                 | GE100 Pro Li: USB Cable, Quick Guide             |



**MOOER**

[www.mooeraudio.com](http://www.mooeraudio.com)

**SHENZHEN MOOER AUDIO CO. LTD**

5F Unit B Jinghang Building, Liuxian 3rd Road,  
Bao'an 71 District, Shenzhen, China. 518133