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Mooer Studio Software User Manual

**Mooer Studio Software
User Manual**

GE300

Introduction

MOOER Studio for GE300 is the editor software for the GE300. This software supports Win7 and higher or Mac OS V. 10.10 and higher.

Users can edit preset parameters, manage preset patches, import/export files (Including preset files, LOOPER files and impulse response files), as well as perform

firmware updates.

We recommend reading this manual carefully before using the Studio software.

Download and Install

Enter the official MOOER website: , click on SUPPORT-DOWNLOADS, and select the relevant software depending o www.mooeraudio.com n your computers operating system.
OS requirements:
Windows – Win7 and higher
Mac OS – Mac OS 10.10 and higher
Download the software, unzip it, and open it to install.

Connection

After the MOOER studio is installed successfully, connect the GE300 with a computer via the USB cable that comes with the unit. Please open the software after
the GE300 boots up successfully.
Please follow the instructions below if the connection fails

1. Warning" Device could not be identified! Please check the connection of the GE300 to your computer."

    a. Check that the USB cable, GE300, and your computer are all functioning normally.

    b. Try to use another USB port, some USB ports cannot support GE300.

    c. Ensure to boot up the GE300 before opening the editor software.

2. Warning" Device versions do not match. Please update the firmware of Ge300"

It means the software version does not match the firmware version of the GE300. Please update the firmware of your GE300 before using the editor software.

Please refer to the FIRMWARE UPDATE section.
If those recommendations do not work, please contact **support@mooeraudio.com**

Interface Overview
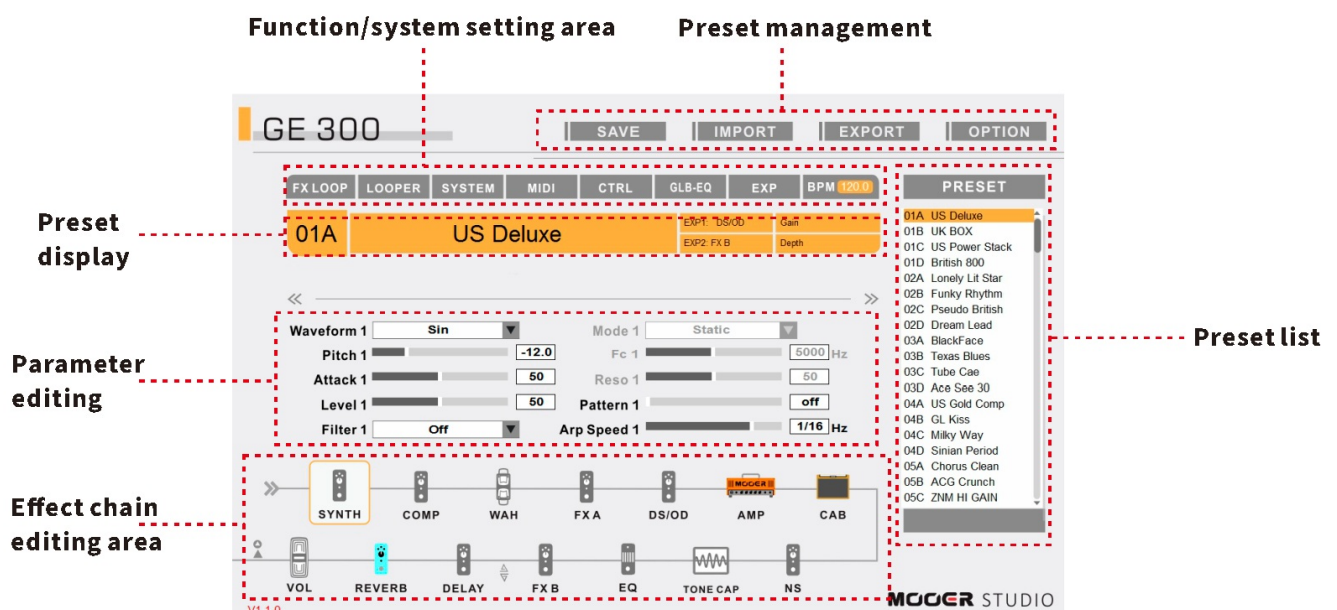
- **Preset list:** You can select preset patches by clicking on them. GE300 will change presets simultaneously.
- **Preset management:** Preset saving and import/export preset files between the GE300 and computer.
- **Function/system setting area:** System setting, FX LOOP, LOOPER, CTRL footswitch, and other functions can be edited here.
- **Preset display:** Display the basic information of current preset.
- **Parameter editing:** Adjust the parameters of current effect block.
- **Effect chain editing area:** Edit the order of selected effect chain and adjust output port.

Preset Editing and Saving

Editing Preset

Effect block on//off

Click on the relevant effect block in the effect chain to turn on/off. Grey icon means off, REVERB colorful icon means on. REVERB

Notice: 1. Selecting an activated effect block will not turn it ON/OFF.
2. The ON/OFF of FX LOOP can be accessed on the system setting area.

Changing effect type

Click on the relevant effect block in the effect chain, then select the drop down list on the parameter editing area to choose desired effect type.

Parameter editing

Click on the desired effect in the effect chain area, then edit the parameter in the parameter editing area by dragging the mouse.
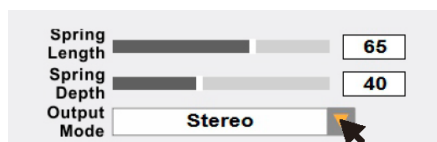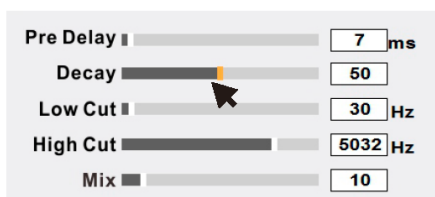
Click on the arrow to scroll to another page of parameters.
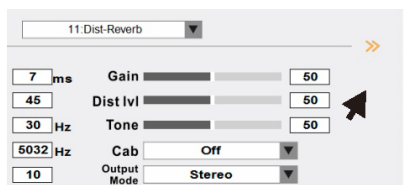
Notice: You can simply type the relevant value into the value box of parameters to adjust.

Tips: In the parameter editing area, click on SPACE twice to enter a TAP TEMPO speed.

You can also type speed value for the BPM to set up the speed of TAP TEMPO.

Editing effect chain

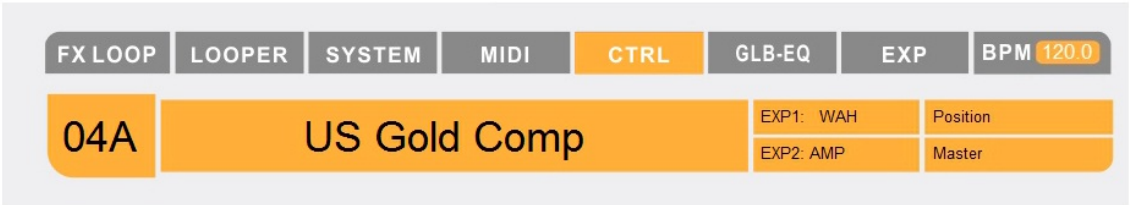In the effect chain area, select the desired effect block and drag it to the desired position.

Moving output port

In the effect chain area, select the desired port and drag it to the desired position.
If a change can be made, a red point will be shown in the position. Otherwise, it's unable to be adjusted

CTRL setting

Click on the CTRL in the system setting area to edit CTRL setting

FX LOOP	LOOPER	SYSTEM	MIDI	CTRL	GLB-EQ	EXP	BPM 120.0

04A	US Gold Comp	EXP1: WAH	Position
		EXP2: AMP	Master

The CTRL setting menu will come out.

CTRL			
CTRL1 ON/OFF	CTRL2 FXA	CTRL3 FXB	CTRL4 TAP TEMPO
CTRLA NA	CTRLB NA	CTRLC NA	CTRLD NA
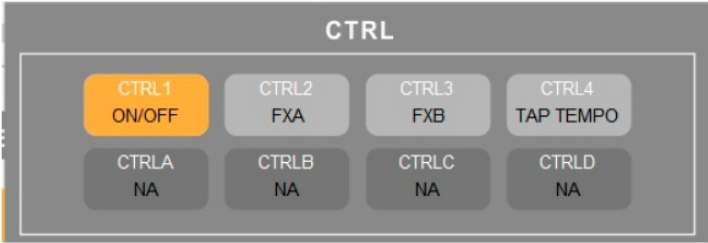
Select a footswitch to edit. Please refer to the CTRL footswitch setting section in manual.
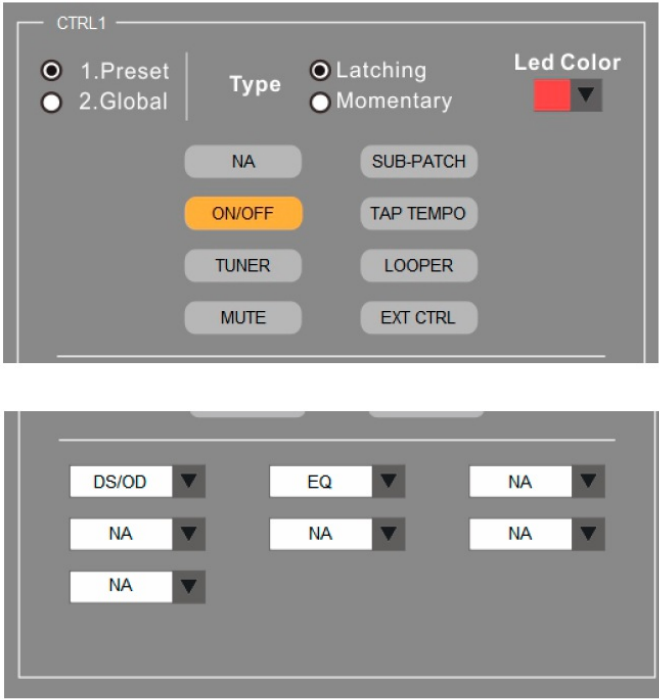
Click on OK to go back to home display.

Set EXP1/EXP2

Click on the EXP block to enter editing menu of expression pedal. Refer to the EXP section in the manual.
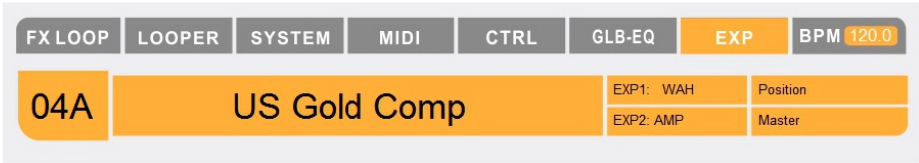
Tip: For more information of EXP, please refer to the full GE300 Manual.

Saving Preset

Click on SAVE in the manage area to save the presets.

Select the number and name of the preset and click Save.

Preset Management

1. Export single preset

Windows

- Select a preset you wish to export
- Click on EXPORT in the management area
- Select an address to save
- Enter the relevant address and preset file in.mo format

Mac

- Click on EXPORT in the management area
- Select a preset you wish to export
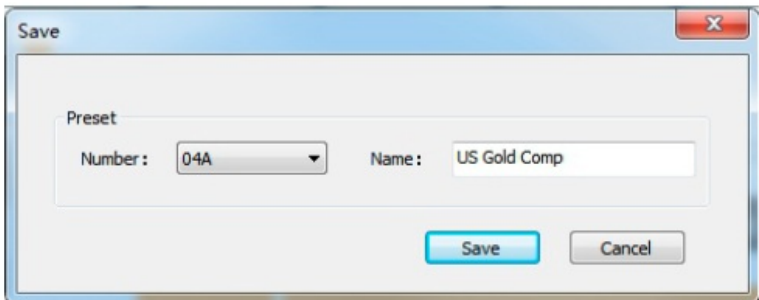- Select a location to save

2. Export presets pack

Windows

- Utilize the CTRL key and mouse left click to select more than one preset. dick on the first preset you wish to export, press and hold SHIFT to select another preset below. Use CTRL+A to select all presets.
- Click on EXPORT.
- Select a location to save preset.
- Save preset file in .mo format.

Mac

- Click on EXPORT in the management area.
- Utilize the COMMAND and mouse left click to select presets. Click on the first preset you wish to export, press and hold SHIFT to select another preset below. Use COMMAND+A to select all the presets.
- Click on EXPORT.
- Select a location to save preset.
- Presets pack will be stored into GE300 automatically

Tip: If you would like to adjust the order of presets, you can adjust it by renaming presets. For example, rename" 01A-US Deluxe.mo"to"11A-US Deluxe.mo", then the preset will be changed from 01A to 11A. Please keep the preset format as" 00A-NAME.mo", otherwise the editor software cannot recognize it.

Notice:

1. If the number in the name of serial preset files are the same, only the last preset file will be exported.
2. The preset files for GE300 cannot be shared with other MOOER devices. We recommend saving files in separate locations if you own more than one MOOER device.

TONE CAPTURE File Import/Export

The GE300 has 50 empty slots for storing user's TONE CAPTURE files. Editor software V1.2.0 and above supports TONE CAPTURE import/export function.

TONE CAPTURE is included in the preset file.

Importing or saving over a preset with a preexisting TONE CAPTURE file may cause one of the following errors:

Importing single preset with TONE CAPTURE

- Warning:" Do you want to replace the TONE CAPTURE file included by the preset?"
- Replace: Import the new TONE CAPTURE file to replace the old one.
- Save as: Change the import TONE CAPTUE file to another slot." Null" designates an empty slot," User" slot means a TONE CAPTURE file already exists.

Import presets pack with TONE CAPTURE

- Warning:" TONE CAPTURE file already exists, please select an option."
- Replace: Replace all the TONE CAPTURE files with the new files.
- Skip: Skip slots with preexisting TONE CAPTURE files.
- Cancel: Cancel operation.

Notice:

1. When importing TONE CAPTURE files, you can choose to" Replace" or" Save as" TONE CAPTURE files to a slot with a preexisting TONE CAPTURE file.
2. We recommend importing TONE CAPTURE files one by one so that you can know which TONE CAPTURE file should be replaced. Otherwise, the process will be canceled.

IRs Import/Delete

Users can import third-party impulse response files into the GE300 by using the Studio software GE300 can support the following impulse response files:

IR format: .wav"
Sampling rate: 44.1kHz/48kHz/88.2kHz/96kHz
Sampling accuracy: 8bit/16bit/24bit/32bit

Import procedure

- Click on the CAB icon in the effect chain.   CAB
- Click on the name of the cabinet simulator to open the drop down list
- Scroll to the empty slot. Click on the "+"   55:Empty + −
- "Import IR Success" window will appear if the import is successful.
- You can turn on the cab sim and select the IR slot to use.
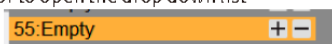
LOOPER file Import/Export

Export LOOPER file

● Ensure GE300 has already recorded tracks in the LOOPER, and the LOOPER is in STOP mode. Click on LOOPER in the function area.

| FX LOOP | LOOPER | SYSTEM | MIDI | CTRL | GLB-EQ | EXP | BPM 120.0 |

● Click on EXPORT in the pop up window. **EXPORT**
● Select a location to export to.
● Wait for a few seconds, until "Looper data export successfully" appears and the export is successful.

Import audio file

● Please ensure the audio file is in .wav format.
● Sampling rate should be 44.1kHz/48kHz/88.2kHz/96kHz.
● Sampling accuracy should be 8bit/16bit/24bit/32bit.
● Length of file should be shorter than 30 minutes.
● Ensure the LOOPER of the GE300 is in STOP mode. Click on LOOPER in the function area.

| FX LOOP | LOOPER | SYSTEM | MIDI | CTRL | GLB-EQ | EXP | BPM 120.0 |

● Click on IMPORT in the pop up window." **IMPORT**
● Select target files to confirm importing.
● Wait for a few seconds until "Looper file import successfully" appears and the import is successful.
● You can turn on the LOOPER to enjoy the audio.

Notice:

1. The length of import time depends on the size of audio file. You may need to wait for more time if the file is large.
2. " Looper data is empty, cannot export", means the LOOPER track is empty.
3. LOOPER files cannot be exported if the LOOPER is not in STOP status.
4. During import/export of LOOPER files, GE300 cannot access other operations.
5. If you import LOOPER files when GE300 already has LOOPER files," Looper data already exists, would you like to import another file? Click" YES" to confirm replacing the old LOOPER file, or" NO" to cancel.

MIDI Setting

Click on the MIDI in the function area to access MIDI IN and MIDI OUT setting menu.

MIDI IN setting

MIDI

MIDI IN   MIDI OUT

MIDI clock ON/OFF

Channel   **1**

Sync Midi Clock   ○ On   ● Off

Click to view the CC code menu of MIDI IN

PC MAPPING   CC REFERENCE

OK

MIDI IN channel setting. Can be defined from 1 to 16, or Omni

Click to view the CC reference

MIDI IN PC MAPPING

Click on the PC MAPPING to set up. The patch number can be edited by

For example, in the PC# 0, you can change the 01A to 03C

by click on   , type 3C and confirm.

MIDI BANK	PC#	PATCH
0	0	01A
0	1	01B
0	2	01C
0	3	01D
0	4	02A
0	5	02B
0	6	02C
0	7	02D
0	8	03A
0	9	03B
0	10	03C
0	11	03D

OK

MIDI IN CC REFERENCE

Click on CC REFERENCE to enter the CC REFERENCE list

MIDI IN - CC REFERENCE

FUCTION	CC#	VALUE
BANK SELECT	0	0-1
SYNTH ON/OFF	10	0-127
COMP ON/OFF	11	0-127
WAH ON/OFF	12	0-127
FX A ON/OFF	13	0-127
OD/DS ON/OFF	14	0-127
AMP ON/OFF	15	0-127
CAB ON/OFF	16	0-127
NS ON/OFF	17	0-127
TONE CAP ON/OFF	18	0-127
EQ ON/OFF	19	0-127
FX B ON/OFF	20	0-127

OK

MIDI OUT setting

Set the MIDI OUT/MIDI THRU
MIDI OUT: GE300 Sending the MIDI signal
MIDI THRU: GE300 receive and retransfer the signal to other device as repeater

MIDI Clock ON/OFF
Turn on to send MIDI clock signal to another device

MIDI

MIDI IN   MIDI OUT

Mode   ● Midi Out   ○ Thru

Channel   **1**

Sync Midi Clock   ○ On   ● Off

PC MAPPING

OK

MIDI OUT channel setting. Can select 1-16 channel.

Click to set the PC mapping code.

MIDI OUT PC MAPPING

Click on the PC MAPPING to access PC mapping editing menu. The PC code can be edited by   .

For example, you can change the PC code of 01A from 0 to 3 by clicking on   and type 3.

MIDI OUT - PC MAPPING

PATCH	PC#
01A	0
01B	1
01C	2
01D	3
02A	4
02B	5
02C	6
02D	7
03A	8
03B	9
03C	10
03D	11

OK

Firmware Update

Users can use the MOOER STUDIO for GE300 to update the firmware of their GE300.

Note: Please backup all presets before updating the firmware to prevent unexpected issues during the update that could cause the deletion of preset files.

1. Download the software from www.mooeraudio.com , SUPPORT-DOWNLOADS.
2. Unzip the file and install the software. We recommend not connecting the GE300 to your computer before the install finishes.
3. Power off GE300, connect GE300 to computer after the software has installed successfully.
4. Press and hold B + D footswitches simultaneously. Power on GE300, hold the B + D footswitches until it has booted to UPDATE mode.
5. Open the software and click on START to start updating. It will take a few minutes to finish.
6. After the update is done successfully, the GE300 will reboot automatically. The firmware version will be shown on the start screen.

   Then you can import those preset files to enjoy.

Explanation of Alerts

Serial number	Alerts	Explanation	Solution
1	Device versions do not match.Please update the firmware of GE300. 1.Power off GE300 2.Connect GE300 to your computer via USB 3.Press and hold Footswitches B & D and power on the device 4.Open the MOOER STUDIO software 5.Press Start to begin the update	The firmware version of GE300 does not match the software version of MOOER STUDIO.	See manual
2	Are you sure you want to reset? Select "YES" to reset. Select "NO" to return.	Confirm to reset GE300 to default settings.	Select "YES" to reset. Select "NO" to return.

Serial number	Alerts	Explanation	Solution
3	Wrong file format! Please check compatibility of file type	Wrong format of IR, preset, or looper files	Check the file format requirements
4	The current preset data has been modified, would you like to save it?	Current preset has been changed	Yes to save, No to cancel
5	Preset name is too long. Preset name must be 15 characters or less.	The preset name should be less than 15 characters	Rename the preset
6	Invalid character! Only uppercase and lowercase letters and spaces are supported	Using invalid character to name the preset	Rename the preset using supported characters
7	Device could not be identified! Please check the connection of the GE300 to your computer.	Computer cannot recognize GE300	Please refer to the CONNECTION section

Serial number	Alerts	Explanation	Solution
8	Device disconnected! Please check your device and try again.	Fail to connect GE300 with computer	Please refer to the CONNECTION section
9	Failed to retrieve preset data! Please check your device and try again.	Data transfer timed out	1. Reboot software 2. Check the USB port 3. Check the USB cable
10	Recording...Cannot export	LOOPER file cannot be exported during recording	Stop the Looper before exporting
11	Looper data already exists, would you like to import another file? Click "YES " to start or "NO" to return.	GE300 already has looper track when importing audio file	
12	Looper data is empty, cannot export.	No recorded track in LOOPER for exporting	
13	Looper file import successful!	Audio file import succeeds	
14	Looper import failed! Please check compatibility of Looper file. If problem reoccurs, please restart the software and try again.	Audio file import failed	Follow the tips

Serial number	Alerts	Explanation	Solution
16	Looper data export successful.	LOOPER files successfully exported	
17	Looper export failed! Please try again.	LOOPER files export fails	Please try again, do not run any other operation during expor
18	Audio time has exceeded maximum. Maximum time is 30 minutes.	The length of audio file is over 30 minutes	Ensure the length of export file is less than 30 minutes

MOOER

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Documents / Resources

MOOER GE 300 MOOER STUDIO Software User Guide	**MOOER Mooer Studio Software** [pdf] User Manual Mooer Studio Software

References

- **M MOOER Audio**