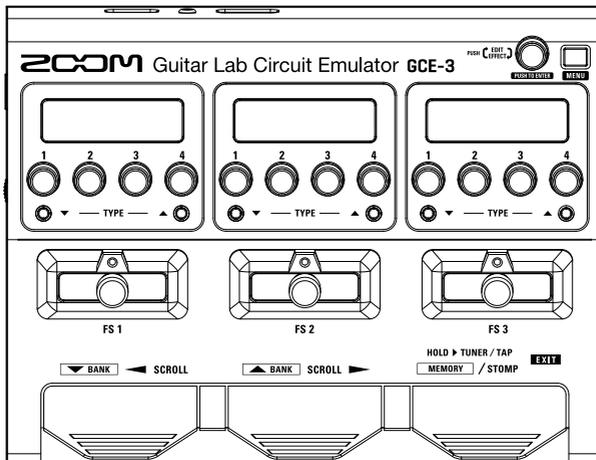


# GCE-3

## Guitar Lab Circuit Emulator



## Operation Manual

You must read the Usage and Safety Precautions before use.



This Operation Manual can be downloaded from the ZOOM website (<https://www.zoom.jp/docs/gce-3>).  
This page has files in PDF and ePub formats.  
The PDF file format is suitable for printing on paper and reading on a computer.  
The ePub file format is suitable for smartphones and tablets and can be read on electronic book readers.

## Notes about this Operation Manual

- Windows® is a trademark and registered trademark of Microsoft® Corporation.
- Mac®, macOS® are trademarks and registered trademarks of Apple Inc.

## Introduction

Thank you very much for purchasing a ZOOM **GCE-3** Guitar Lab Circuit Emulator.

With ZOOM **GCE-3**, you can immediately access the massive library of preset patches and artist patches available for products <sup>(\*1)</sup> that are compatible with Guitar Lab. You can also edit all the amp models and effects. You can also edit patches with the **GCE-3** and share them with emulated products. For example, you can use a compact **GCE-3** at home and a ZOOM multi-effect processor unit with high mobility for rehearsals and live performances. Use the model that is best for your circumstances.

You can also use **GCE-3** as a USB audio interface. Since DSP is built-in, you can use it to record in real time to a Mac/Windows computer.

We hope you will enjoy using this for many years to come.

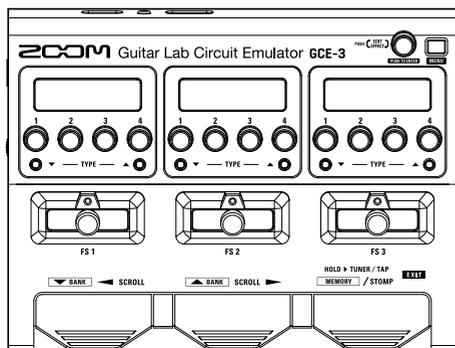
(\*1) Visit our website (<https://www.zoom.co.jp>) for compatibility information.

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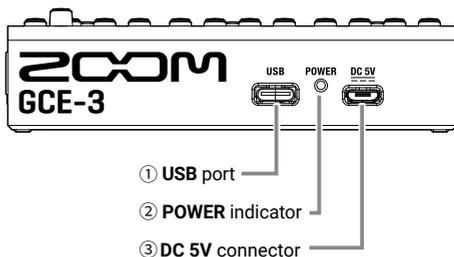
# Names of parts

## ■ Top

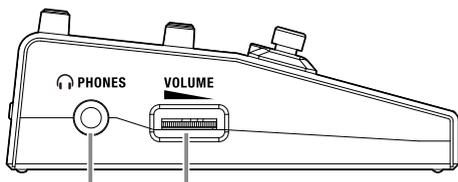


- ① **USB port**  
Connect this to a computer.
- ② **POWER indicator**  
This lights red when the power is on and lights green when connected to a computer.
- ③ **DC 5V connector**  
Connect a USB power adapter or USB mobile battery, for example, to supply power.

## ■ Back



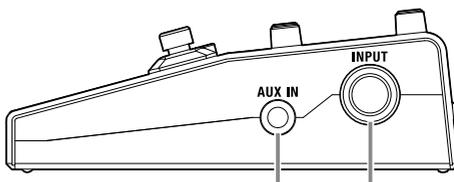
## ■ Left side



- ④ **PHONES jack**
- ⑤ **VOLUME dial**

- ④ **PHONES jack**  
Connect headphones here.
- ⑤ **VOLUME dial**  
Use to adjust the output volume.

## ■ Right side



- ⑥ **AUX IN jack**
- ⑦ **INPUT jack**

- ⑥ **AUX IN jack**  
Connect an audio device or other external sound source here. (The input signal will be sent directly to the output jack.)
- ⑦ **INPUT jack**  
Connect a guitar or bass here.

## Installing the driver

Do not connect the **GCE-3** until installation is complete.

### ■ Windows

1. Download the ZOOM GCE-3 Driver for the computer from <https://www.zoom.co.jp/>.

#### NOTE

- You can download the latest version of the ZOOM GCE-3 Driver from the above website.
- Download the driver for the operating system that you are using.

2. Install the driver.

Follow the instructions in the Installation Guide included in the driver package to install the ZOOM GCE-3 Driver.

### ■ Mac

Driver installation is not necessary when using a Mac.

## Installing Guitar Lab

### ■ Windows/Mac

1. Download the Guitar Lab effect management software for the computer from <https://www.zoom.co.jp/>.

#### NOTE

- You can download the latest version of Guitar Lab from the above website.
- Download the version of Guitar Lab for the operating system that you are using.

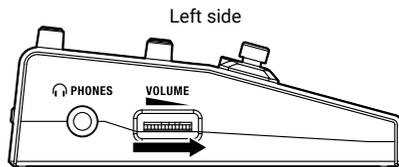
2. Install Guitar Lab.

Follow the instructions in the Installation Guide included in the Guitar Lab package to install Guitar Lab.

## Connecting to a computer

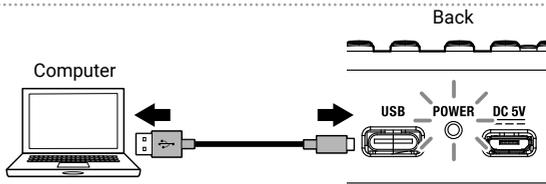
By connecting the **GCE-3** to a computer, you can use Guitar Lab to manage effects. You can also use the **GCE-3** as an audio interface.

1. Minimize the .



2. Use a USB cable to connect the **GCE-3** USB port to the computer.

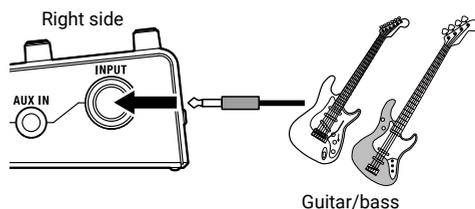
The POWER indicator lights green when connected properly.



### NOTE

If the power supplied by the USB bus is low, or you want to operate the unit with an adapter, use the ZOOM AD-17 adapter that was designed for use with this unit.

3. Connect a guitar or bass to the INPUT jack.

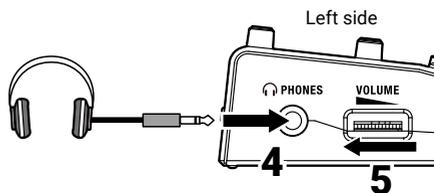


### HINT

You can play along with another sound source by connecting an audio device, for example, to the AUX IN jack.

4. Connect headphones to the PHONES jack.

5. Use  to adjust the volume to a suitable level.



# Troubleshooting

## Guitar Lab does not recognize the **GCE-3**

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- Confirm that the **GCE-3** is connected to the computer correctly.
- Quit all the software that is using the **GCE-3**, and disconnect and reconnect the USB cable connected to it.
- Reinstall the driver.
- Connect the **GCE-3** directly to a USB port on the computer. Do not connect it through a USB hub.

## The **GCE-3** cannot be used as an audio device

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- Confirm that the Sound setting of the computer you are using is set to "ZOOM GCE-3".
- Confirm that **GCE-3** is set for input and output in the software that you are using.

## There is no sound from the PHONES jack or it is very quiet

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- Confirm that the headphones are connected correctly.
- Confirm that the guitar or bass is connected correctly.
- Adjust the VOLUME dial.
- Check the Guitar Lab settings.

## There is a lot of noise

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- Confirm that a shielded cable is not the cause.
- Use the dedicated AC adapter (ZOOM AD-17).

## Sound breaks up during playback or recording when used as an audio interface

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- If you can adjust the audio buffer size of the software that you are using, increase the buffer size.
- Turn the automatic sleep function and other computer power saving settings off.
- Connect the **GCE-3** directly to a USB port on the computer. Do not connect it through a USB hub.

# Specifications

Sampling frequency	44.1 kHz	
A/D conversion	24-bit 128× oversampling	
D/A conversion	24-bit 128× oversampling	
Signal processing	32-bit	
Inputs	INPUT	Standard mono phone jack Rated input level: -20 dBu Input impedance (line): 470 kΩ
	AUX IN	Stereo mini jack Rated input level: -10 dBu Input impedance (line): 1 kΩ
Output	PHONES	Stereo mini jack Maximum output level: Headphones 15 mW + 15 mW (typ. 32 Ω load)
Input S/N	120 dB (typ)	
Noise floor (residual noise)	-96 dBu(typ)	
USB	Connector: USB Type-C USB 2.0	
Power	USB bus power (Type-C)/5V DC power supply (Micro-B)	
External dimensions	80 mm (D) × 106 mm (W) × 29 mm (H)	
Weight	90 g	

Note: 0 dBu = 0.775 V



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