PEOZ

User Manual

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1. Introduction

PEOZ is surrounded with the guitar and app.
PEOZ is a smart guitar that includes effects, amp, speakers, and audio interface built-in. The companion app for the guitar provides intuitive access to guitar sound settings, practice, recording, and overall guitar playing experience, making it easy for beginners to start playing electric guitar.

The manufacturer of PEOZ, AugustLab, has embedded amp models and IR cabinet models in the guitar based on their proprietary technology, as well as developed guitars with a variety of effects such as dynamics, spatial effects, and more.

2. Caution

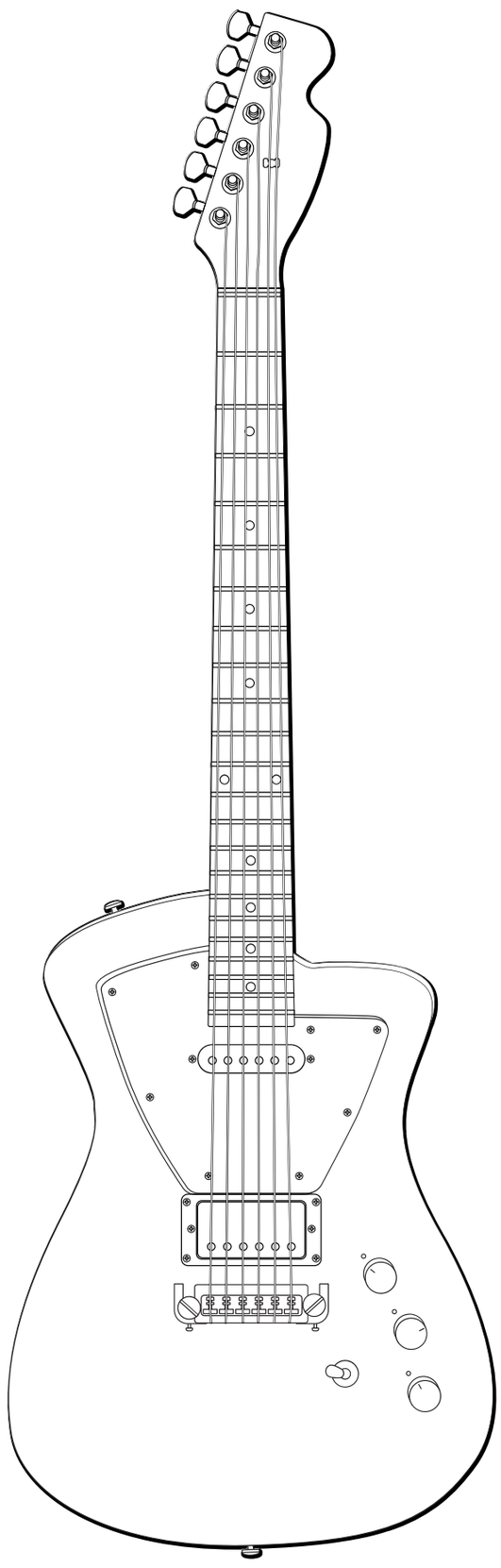
⚠ Error from Electromagnetic interference (EMI)

Smartphones, radios, and TVs can cause malfunctions due to electromagnetic interference (EMI) when using the product. Please use it at a certain distance.

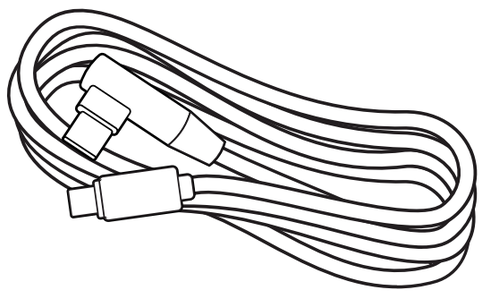
⚠ Safety Precautions for Built-in Batteries

· Do not use damaged cables with exposed wires or faulty or broken chargers.
· Do not store or use in high-temperature and high-humidity environments such as saunas.
· Be careful not to expose the product to moisture.
· The built-in battery cannot be detached or replaced by the customer.
· When disposing of the product, do not dispose of the battery arbitrarily, but follow the disposal procedures of the local area.
· Do not store the product at excessively low or high temperatures.
· Do not expose the product to direct sunlight for extended periods of time.
· Do not use or leave the product for extended periods in hot environments such as inside a parked car in the summer.
· Do not place the product on heated floors, electric blankets, or other places where overheating is a concern.
· Do not place or put the product near heat sources (stoves, microwaves, etc.), heating appliances, or high-pressure containers.

3. The Components

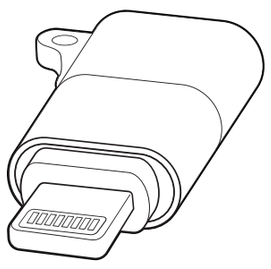


Guitar → TR1 / TR2



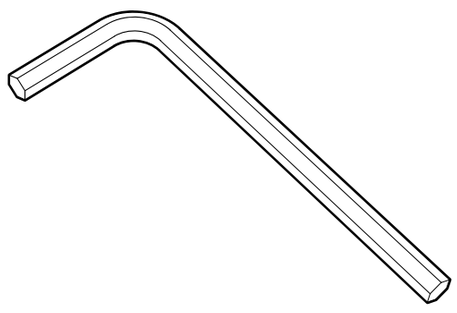
C to C Cable

Use your guitar when charging or recording



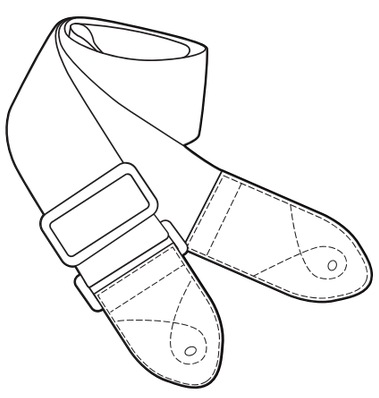
OTG gender

For iPhone 14 and below, please use an adapter with a C to C cable when recording.

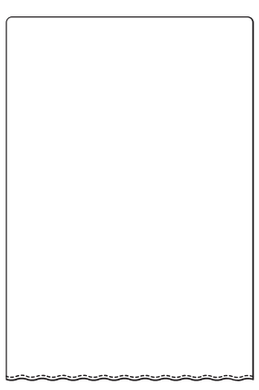


Wrench

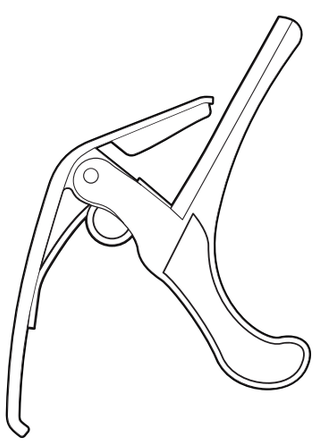
Use It when tuning notes for guitar strings
(saddle adjustments are only applicable to TR2)



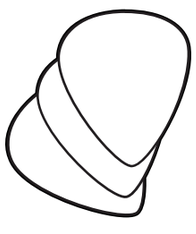
The Strap



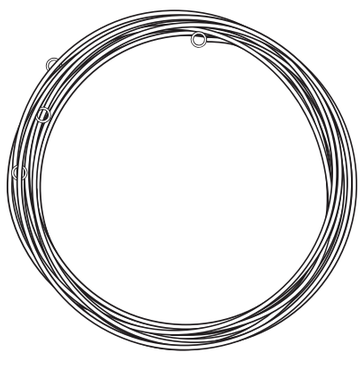
Microfiber cloth



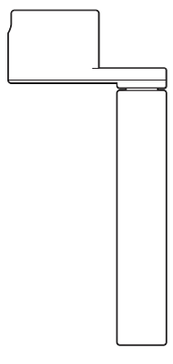
Guitar Capo



3pcs Peaks



Guitar String



Line Up

4. Name of the parts

[Front / Side]

LED INDICATOR

Shows the status of guitar with color
(Details on 5-5 Indicator)

Knob

Using it with Turning, Pressing, Long Pressing
(Details on 5-4 know user guide)

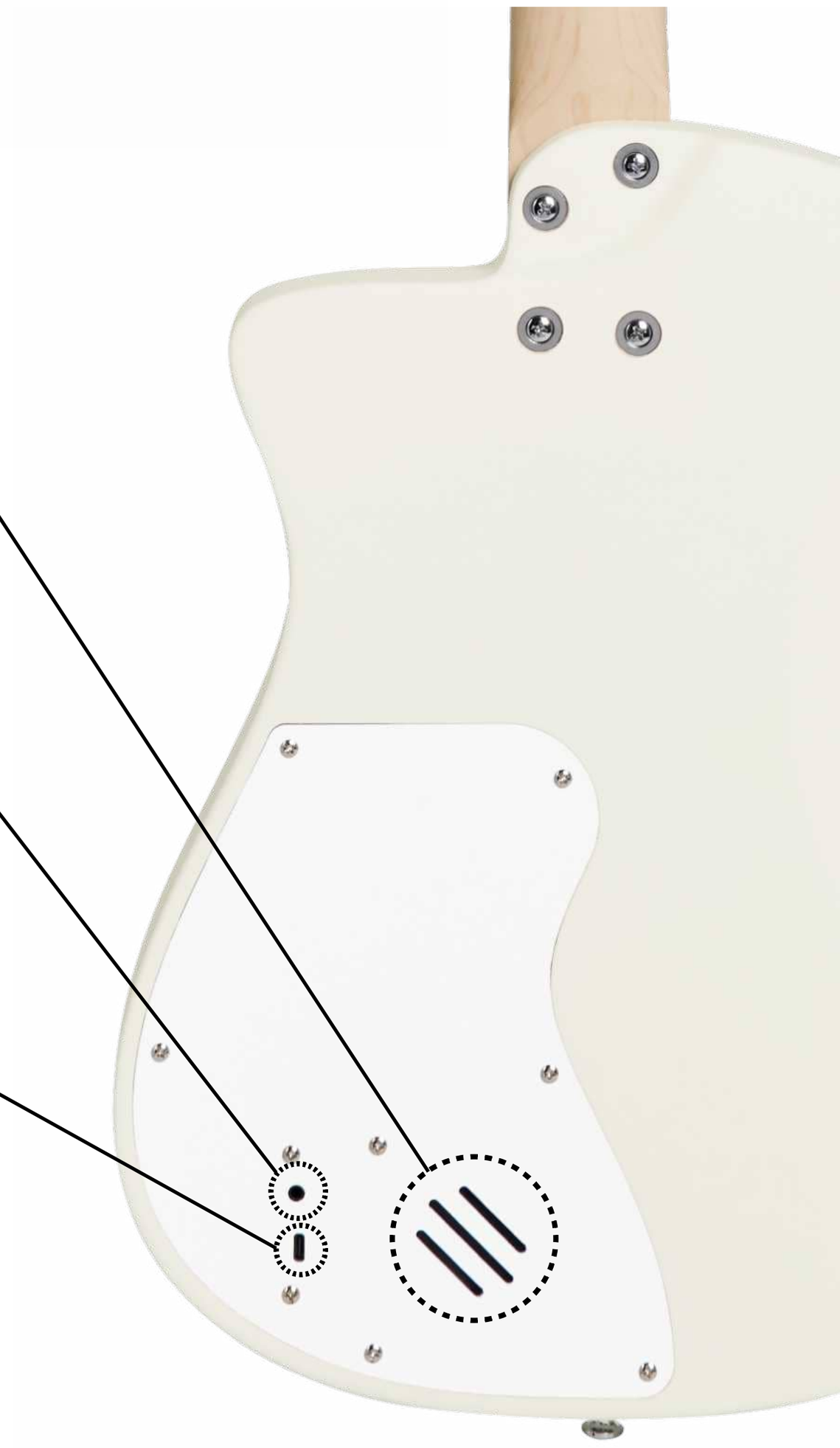
Pickup selector

Setting the pick up location
(Details on basic lesson ch.1)

Jack out

1 / 4″ power out

[Back]



Inner Speaker

Earjack

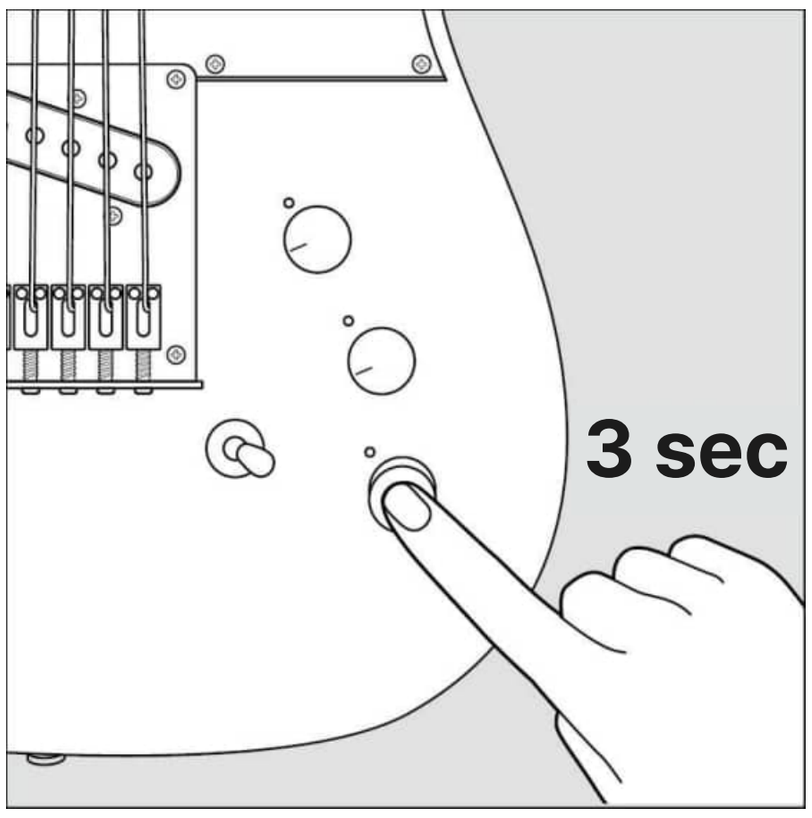
1/8″ earphone power out

USB connector

Charging and Recording
by connecting the USB

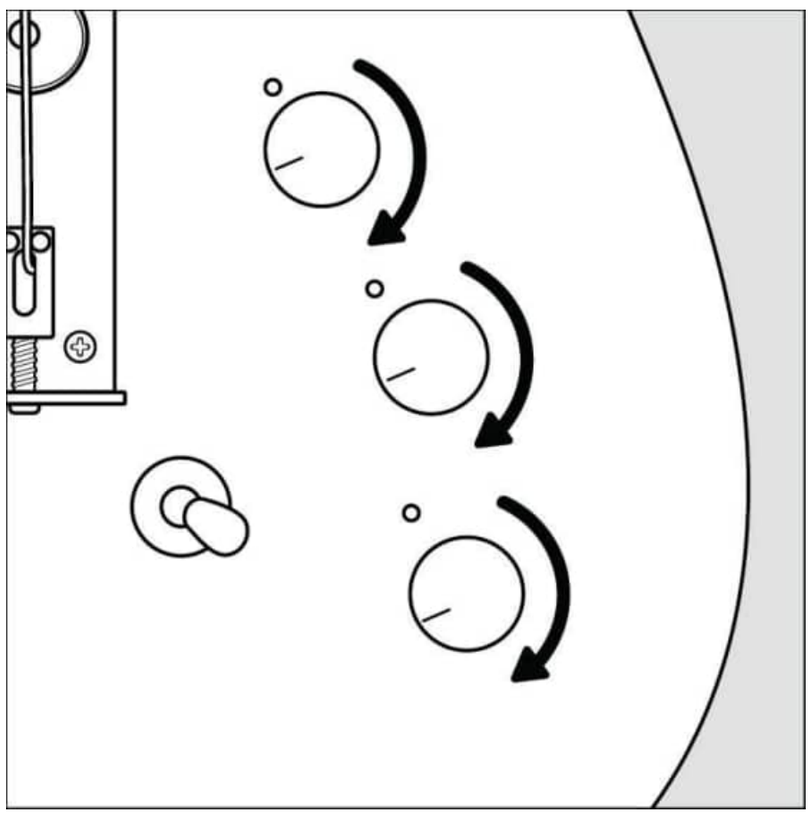
5. User Guide

5-1. Must-Read before using



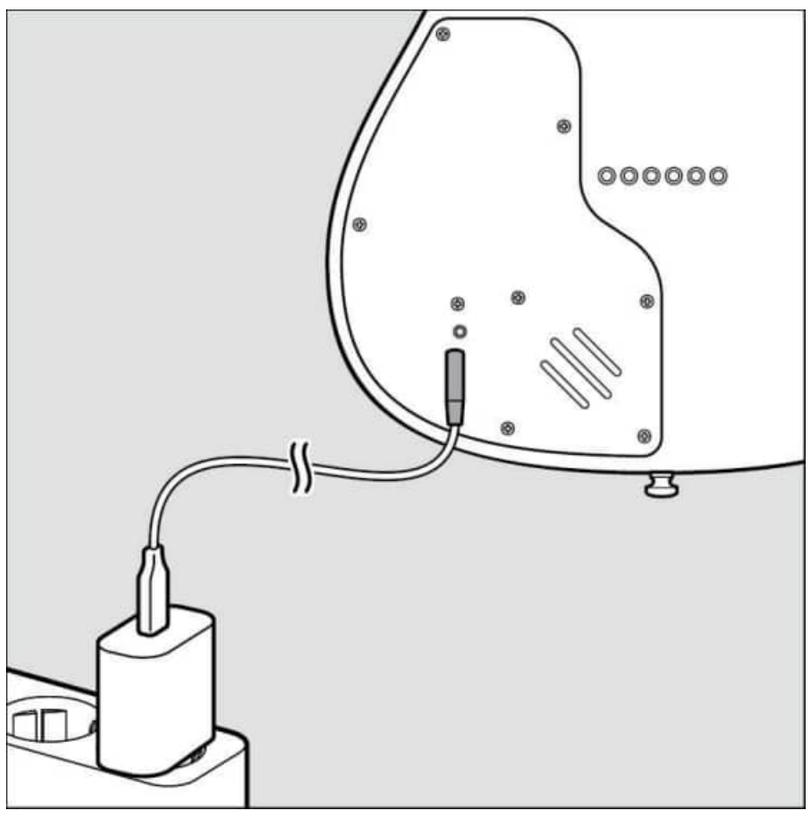
Please turn on the guitar when playing

Press the third knob for 3 seconds to turn on the guitar and play it, and the sound will be output loudnthrough the speaker.
You can also turn off the power and connect external equipment to use it in the same way as a regular electric guitar.



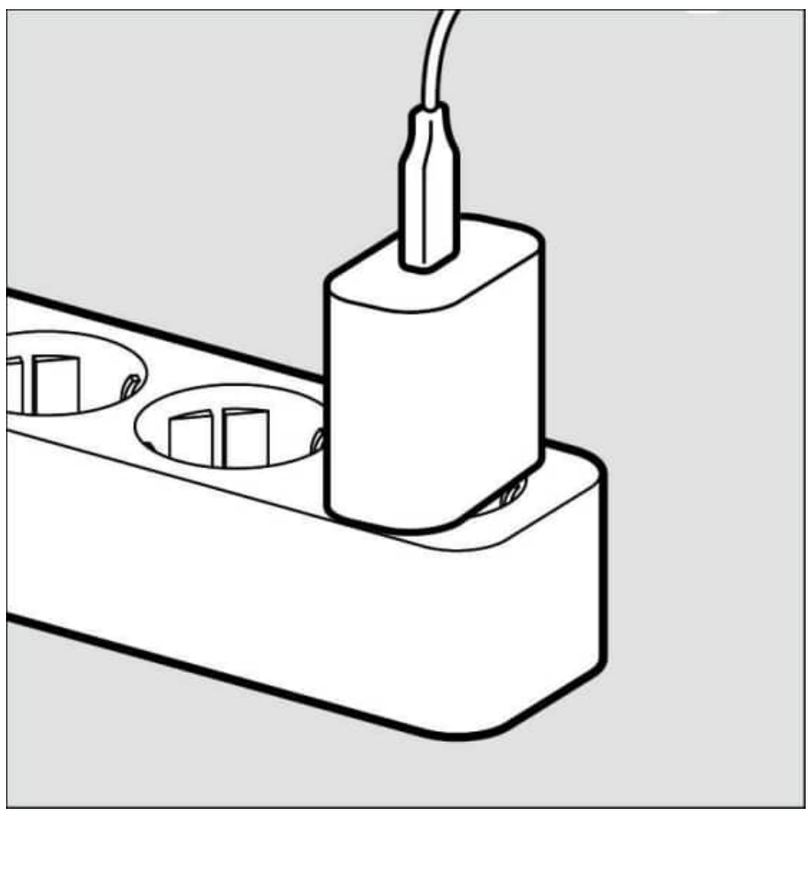
Beginners use all knobs clockwise to the maximum

You can adjust the tone and volume of your guitar by turning the knob, but try it after you get used to playing. Use it at maximum by default and turn the third knob when you want to adjust the playing volume. Please refer to the back chapter for detailed usage of each knob.



Please charge before use.

It is recommended to charge the components when you are not using the guitar using a C to C cable.
(We recommend using a charger of 1 amp or more)



Use a charger that has an equivalent power of 1A

We recommend using a charger with an output of 1 amp or more for normal guitar charging speed.

5. User Guide

5-2. Main Function

• Featuring over 15 essential presets, you can set a variety of guitar sounds with a single touch.
• With a built-in audio interface, you can easily record to your PC, Mac, smartphone, or tablet via USB cable.
• It has a headphone output jack for quiet practice.
• With a built-in tuner, you can tune easily without the need for a separate tuner.
• You can play through the built-in 3W speaker to output guitar sounds.
• Connect PEOZ Guitar to your smart device via Bluetooth to play external audio and MR on your guitar.
• In the practice mode of the app, you can use various functions for practice, such as loading YouTube videos, removing guitar sound, automatically setting guitar sound, repeating sections, and adjusting speed.

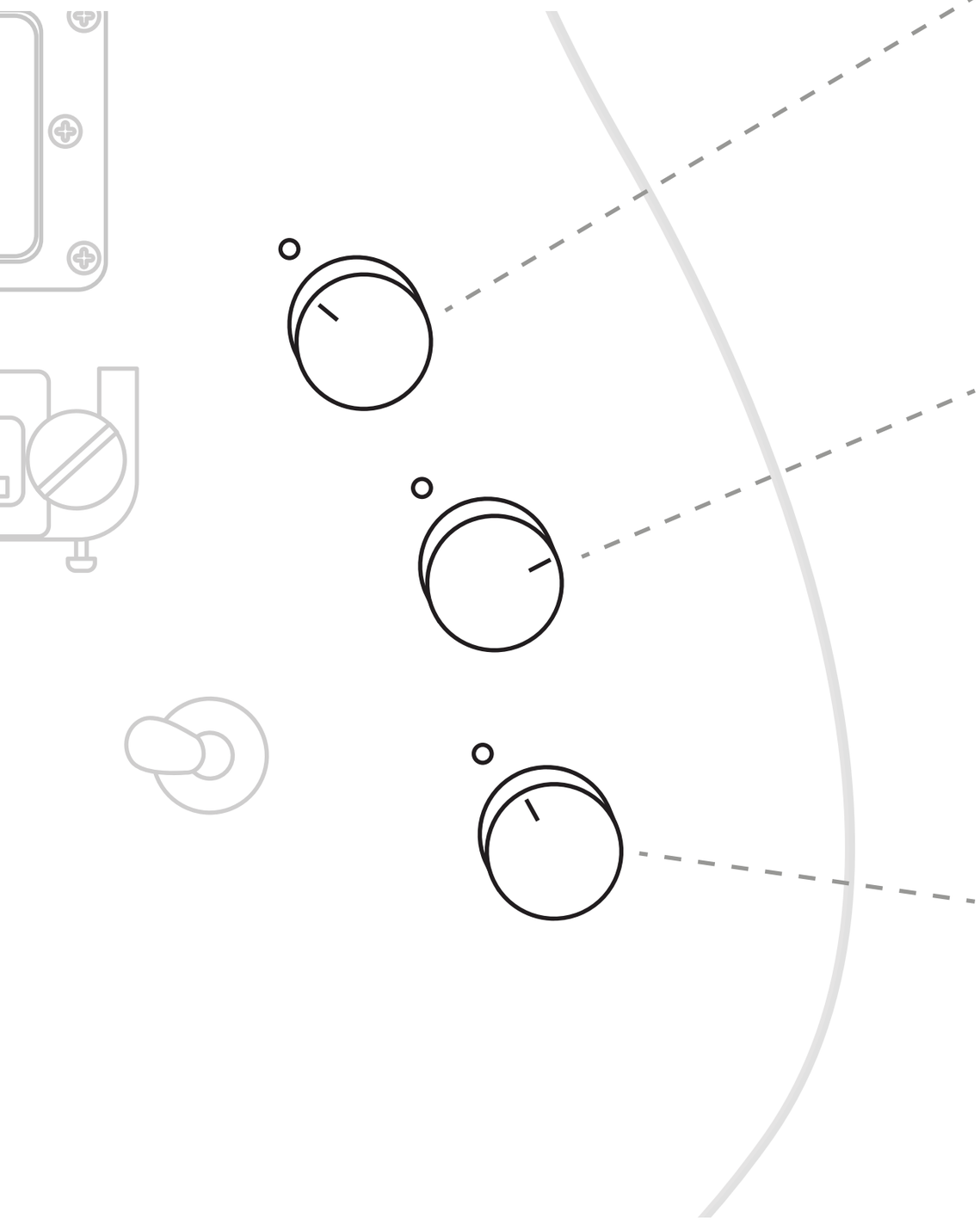
5-3. Connecting Guitar and the App (App Download)

1. **Scan the QR Code on the right to Download the App.**
   (Search “PEOZ guitar” via App Store or Google Play to download.)

2. Press the third knob for about 3 seconds to turn on the guitar.

3. Select the menu [My Guitar] → [Connect to Guitar] button to connect.

5-4. How to use the knob



First Knob

Spin: Input Volume Control
Press: Sound ON/OFF saved on Knob 1
(Refer to the detailed explanation below)

Second Knob

Turning: Tone adjustment
Press: Sound ON/OFF saved on Knob 2
Long Press: Reset connection status of guitar and apps

Third Knob

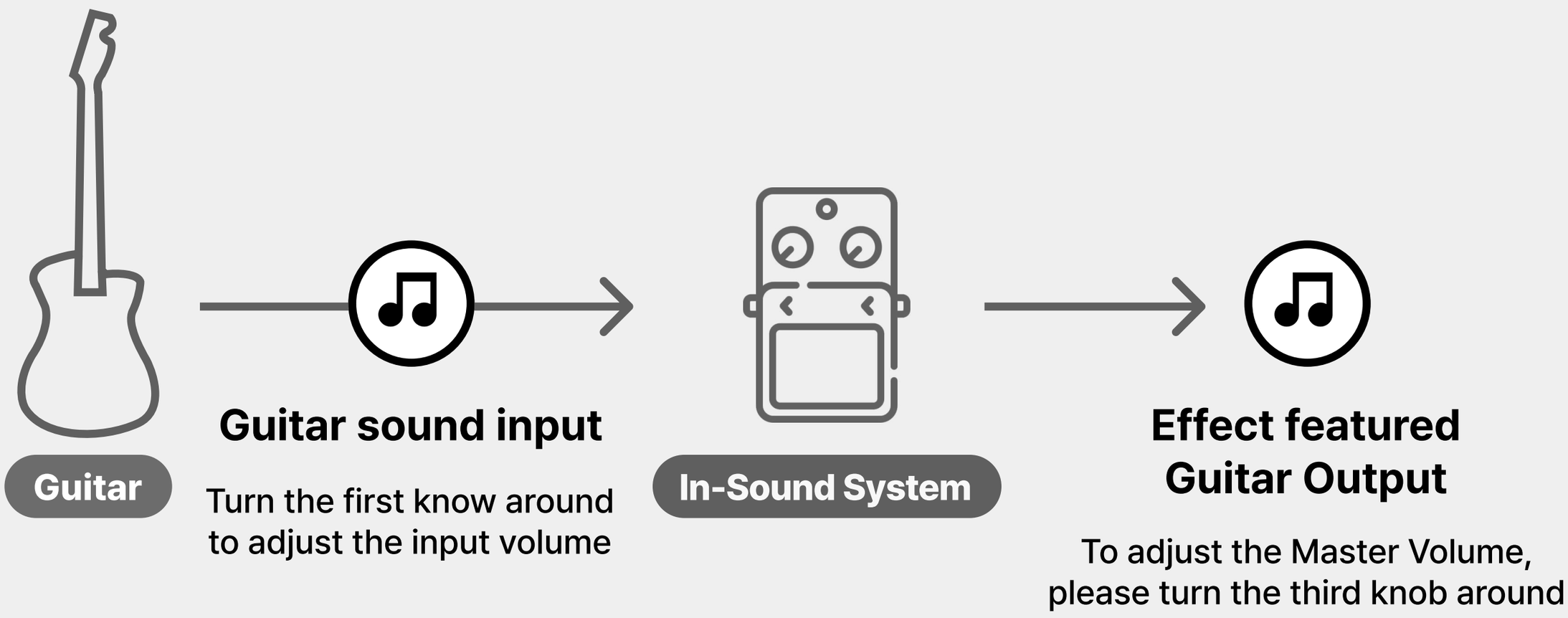
Spin: Master Volume Control
Press: Sound ON/OFF saved on Knob 3
Long Press: Power On / Off

Each knob is initially set with the following sounds.
Knob1: Acoustic / **Knob2**: Dreamy Pop / **Knob3**: Rock

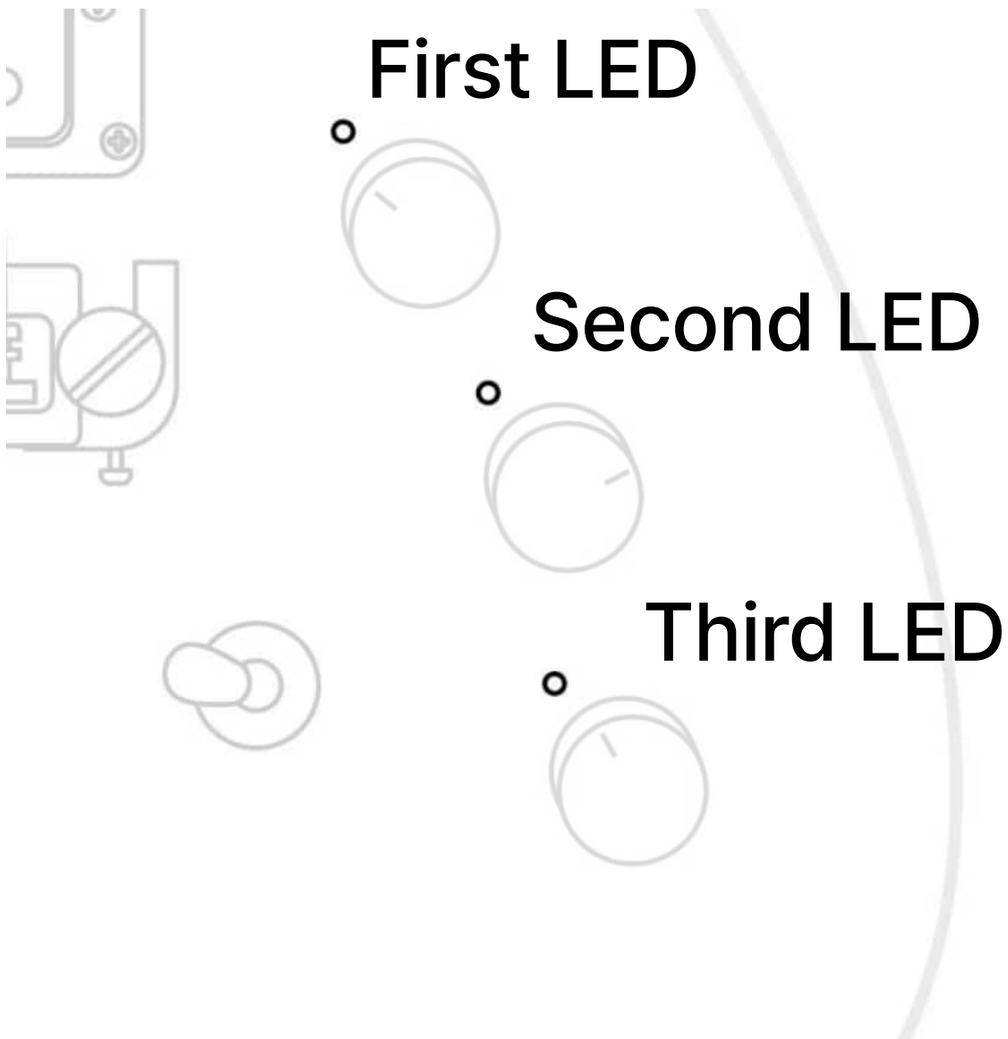
Pressing the knob turns on a red light on top of the knob, indicating that a sound is stored on the knob. In this state, you can play the guitar with the sound stored on the knob.

To change the sound stored on each knob, follow these steps:
Guitar and App Connection → [Sound] menu → Select the top button

<The difference between Input Volume and Master Volume>



5-5. LED Indicator



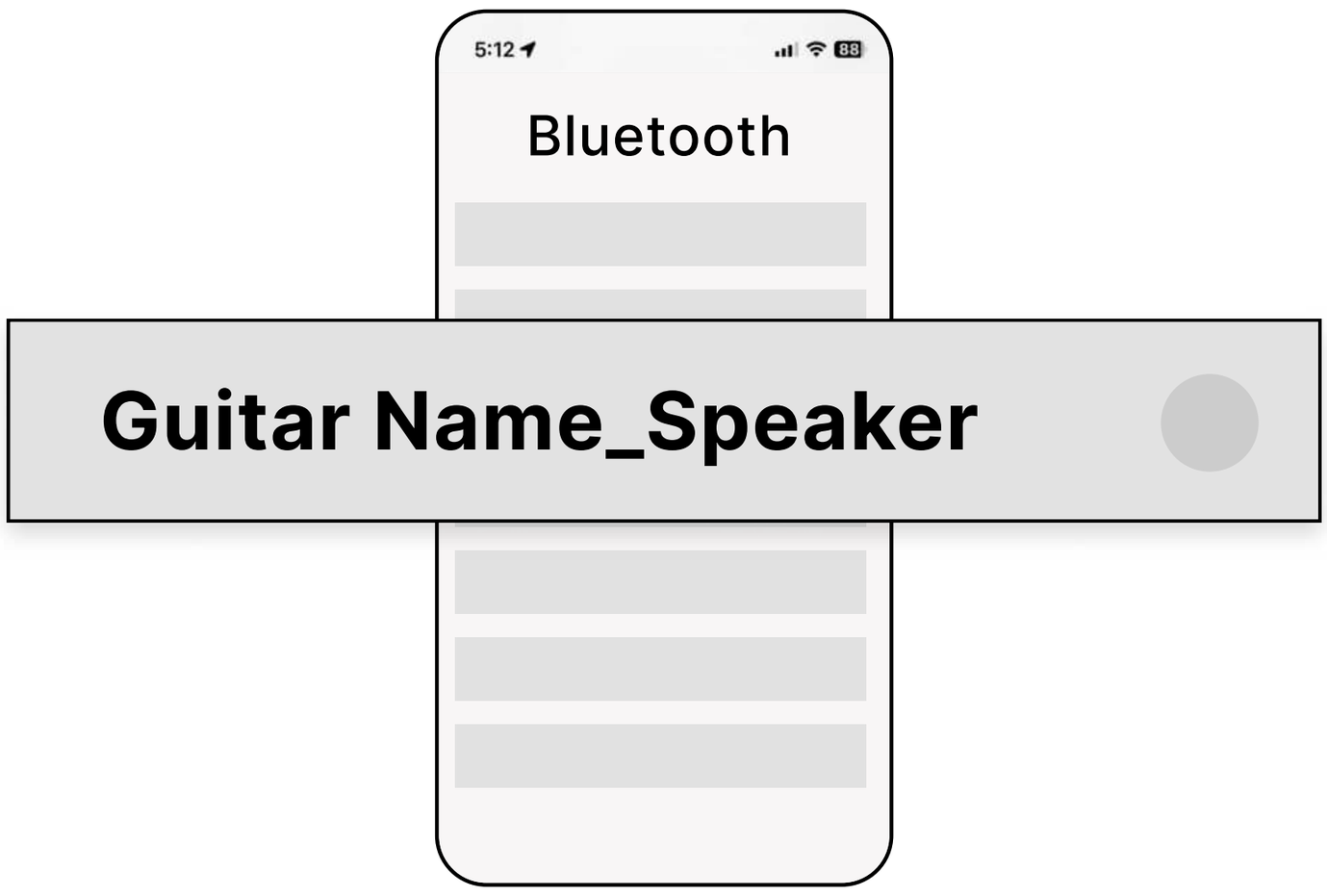
	1 2 3
Power off	● ● ●
Power on	○ ○ ○
Select stored sound on knob	Knob1 Sound: ● ○ ○ Knob2 Sound: ○ ● ○ Knob3 Sound: ○ ○ ●
Disconnect paired app and speaker from connected guitar	● ● ●
Battery charging	● ● ● ⟷ Blinking ⟷ ○ ○ ○
Battery fully charged	● ● ●

5-6. Using Speaker

1. Power on your guitar, and you can project the guitar sound loudly through the speaker without an amplifier.

2. Connect the guitar speaker to your mobile device, play music, and try playing along.

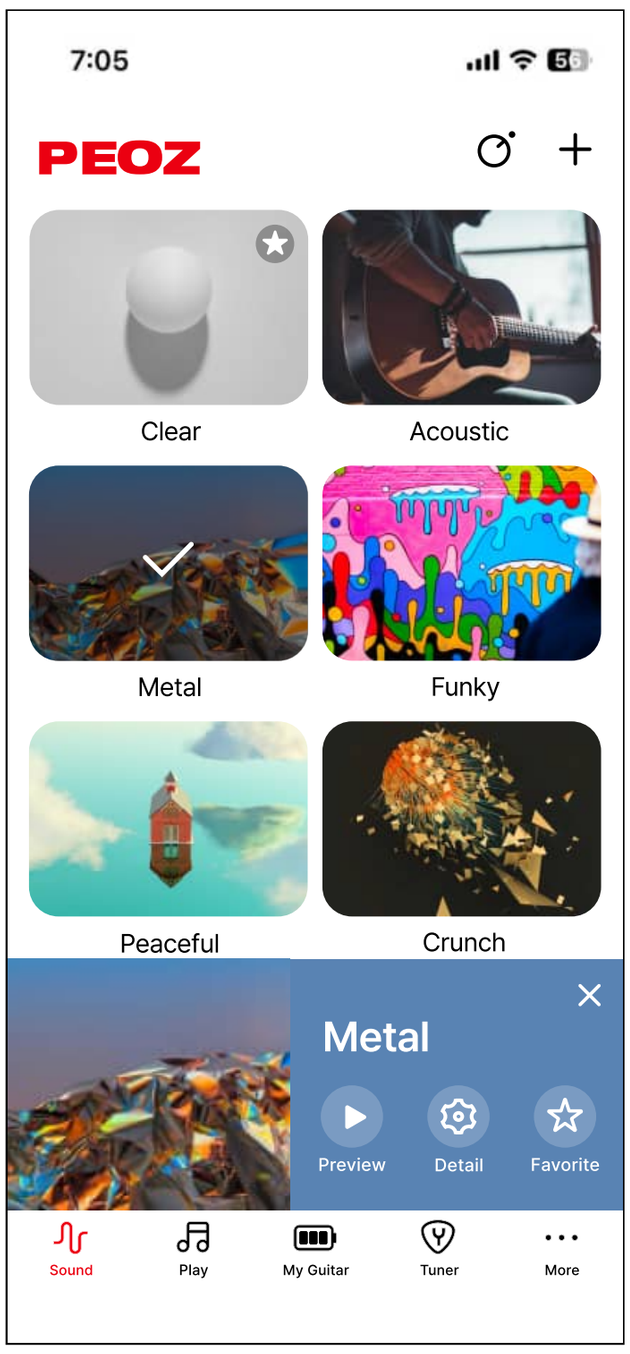
To connect the speaker, please connect **"Guitar Name_Speaker"** in [Settings → Bluetooth].



5-7. Using App (Sound)

Setting Preset of Guitar Sound

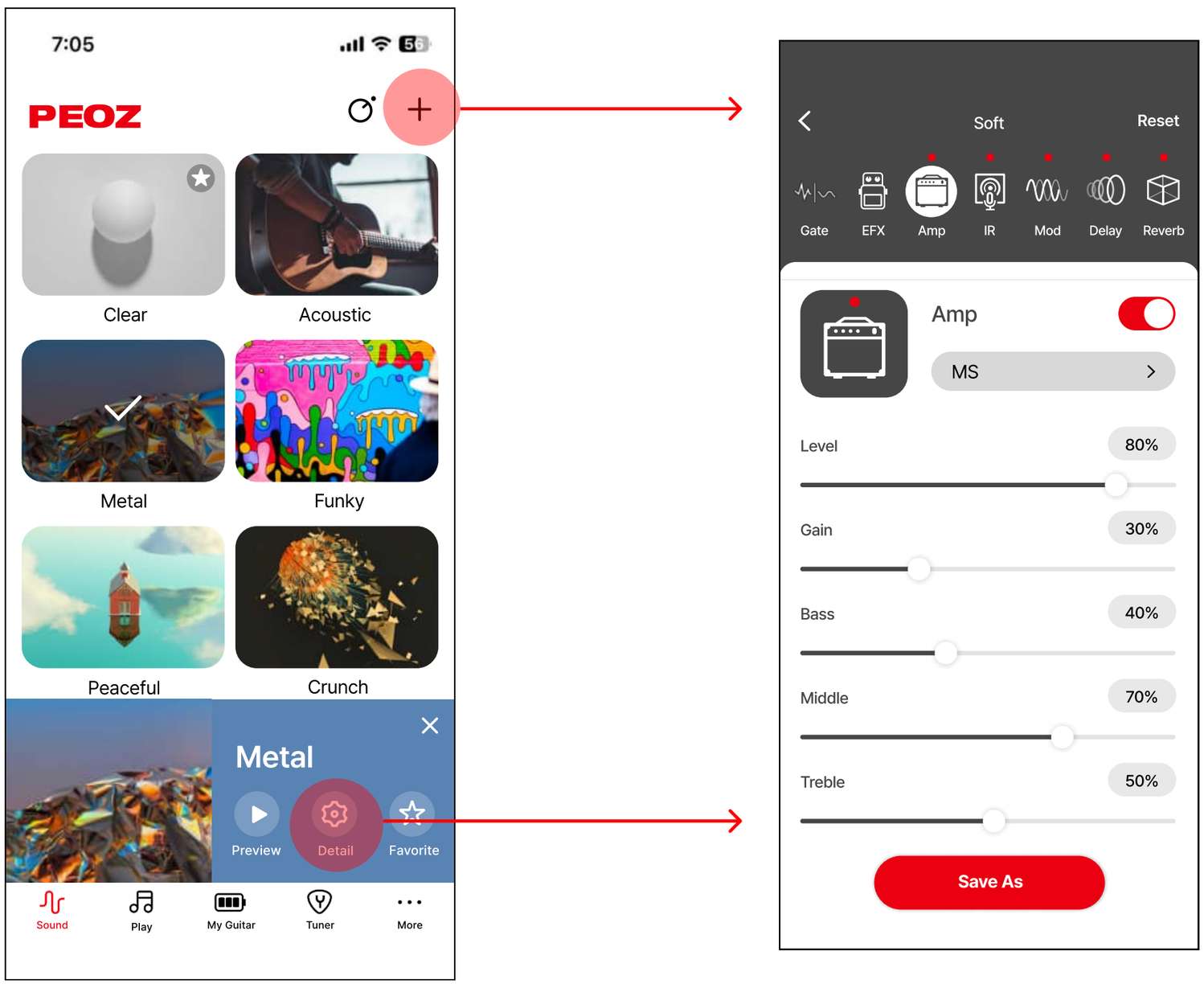
When you select a guitar sound, a sound banner appears at the bottom. You can play the guitar with that sound. If you close the banner by pressing the X button on the banner or by tapping the selected thumbnail again, the guitar sound will be initialized to the clean sound.



Sound banner

Detail Setting

-You can adjust the detailed settings of the presets.
-You can change the effect chain of each preset and adjust the detailed parameter values of each individual effect.



5-8. Using App (Play/Practice Mode/ Recording)

Menu Explanation

- **Practice:** You can select practice songs based on their difficulty level, sorted from easiest to hardest, to find songs that match your skill level.
- **Added :** Guitar performance videos shared from YouTube to PEOZ app will be added to this list.
- **Lesson:** This course is designed for beginner guitarists.

Recording

1. Select the camera icon in the top right corner of the Practice Mode screen.
2. Choose whether to play over the MR or the original audio by pressing the MR button on the right.
3. We recommend using the C to C cable from the accessories to connect your mobile device to your guitar.

(You can record clean guitar sound without background noise by simply connecting the cable to your smart device or PC through the audio interface built into the guitar.)
(If you have an iPhone 8-pin, please use the OTG adapter from the accessories.)

※ Although, If you’re recording through Window PC, ASIO4ALL Driver is suggested.

Loading video from YouTube

1. Bring the performance video you want to practice from YouTube to PEOZ app by selecting the [Share] button → [PEOZ] icon.
2. You can practice the corresponding performance song using the various functions provided in Practice Mode.
3. Videos that have been shared once are automatically saved to [Practice] menu → [Added Songs].

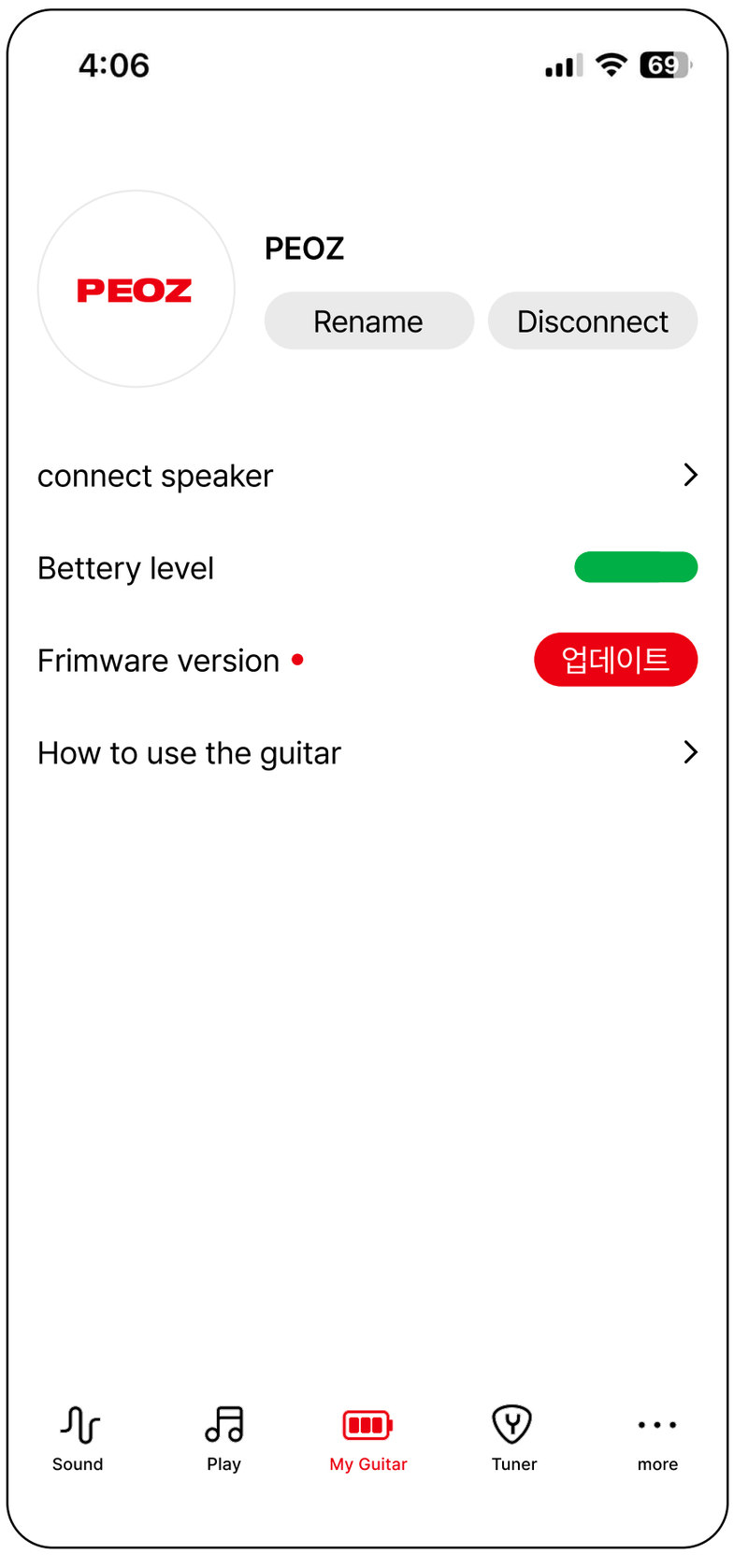
Beginning Guitar

We suggest the beginners to watch [Basic Lecture] from [Play] menu and start from the lowest level songs.

The videos in practice menu is online streaming. Wi-Fi setting is suggested.

5-9. Using App (My Guitar, Tuner)

My Guitar



- **Changing Name**

You can change the name of your guitar.
It is normal for the guitar connection to be lost and then reconnected after changing the name.

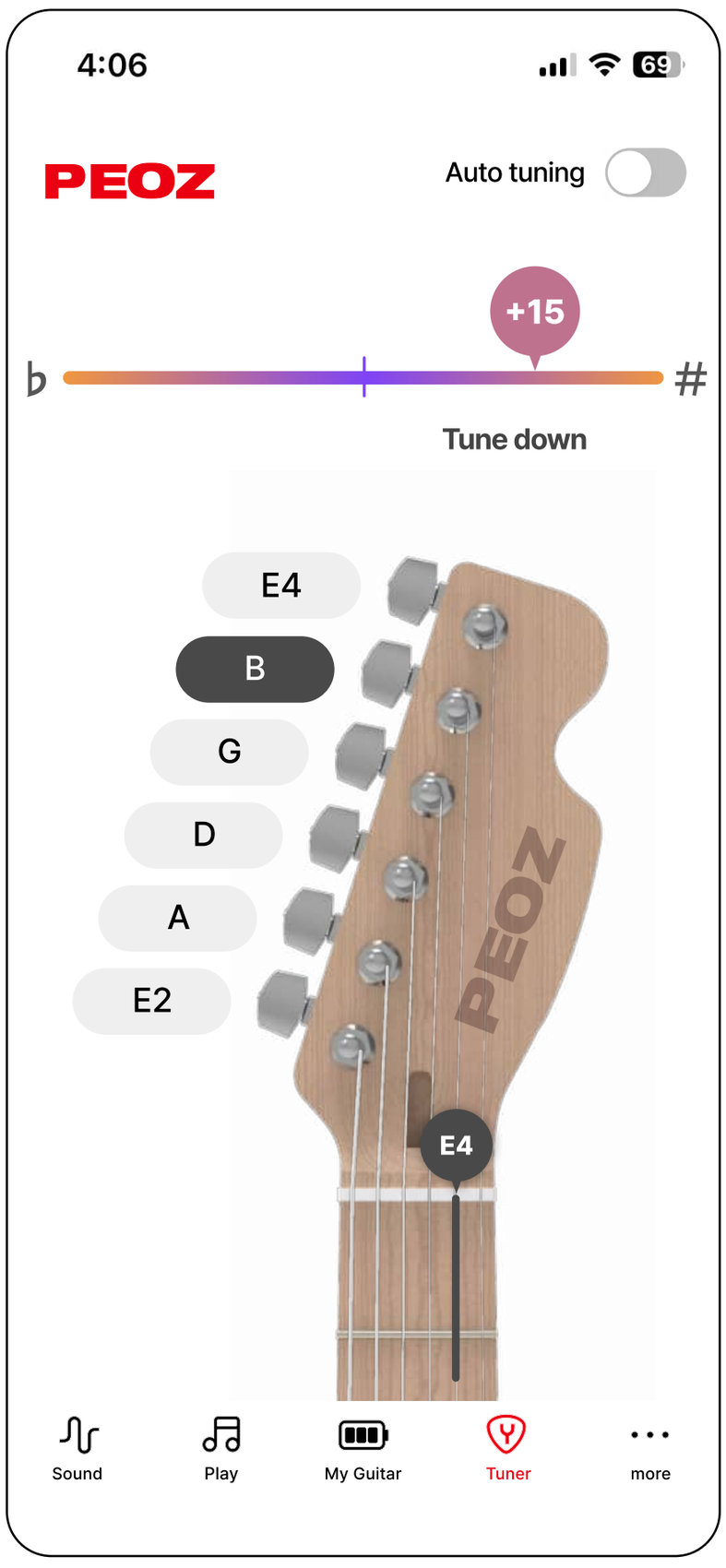
- **Battery Life**

When the red light comes on, The guitar may be turned off so please charge.

- **Firmware Version**

Please be sure to select the "Download" button when it appears to update to the latest version.
(Firmware updates can only be performed while the charging cable is connected.)

Tuner

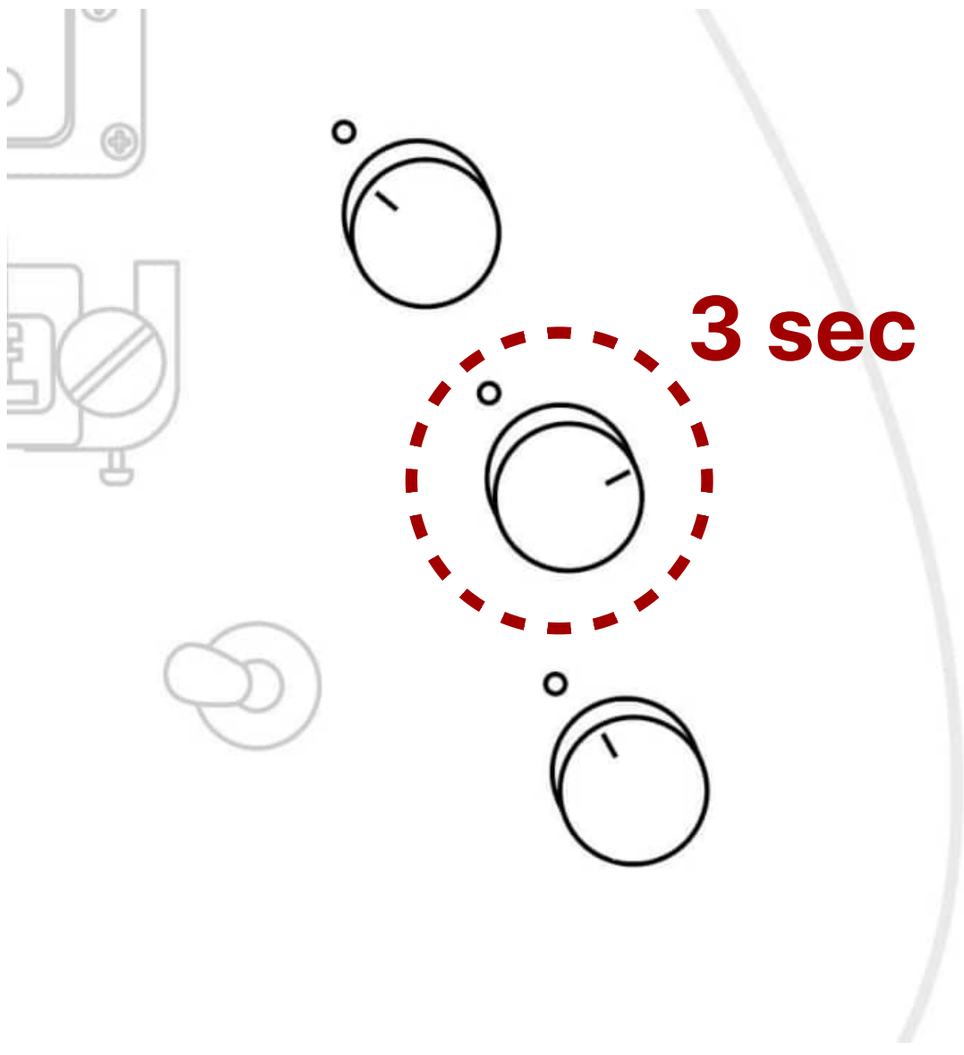


- PEOZ tuner only recognizes the sound of PEOZ guitar, so it is not affected by ambient noise

- Before using the tuner, please make sure to turn the first knob clockwise to the maximum to set the guitar's volume to the highest level.

5-10. Solution on the connection problem with Guitar, App and Speaker

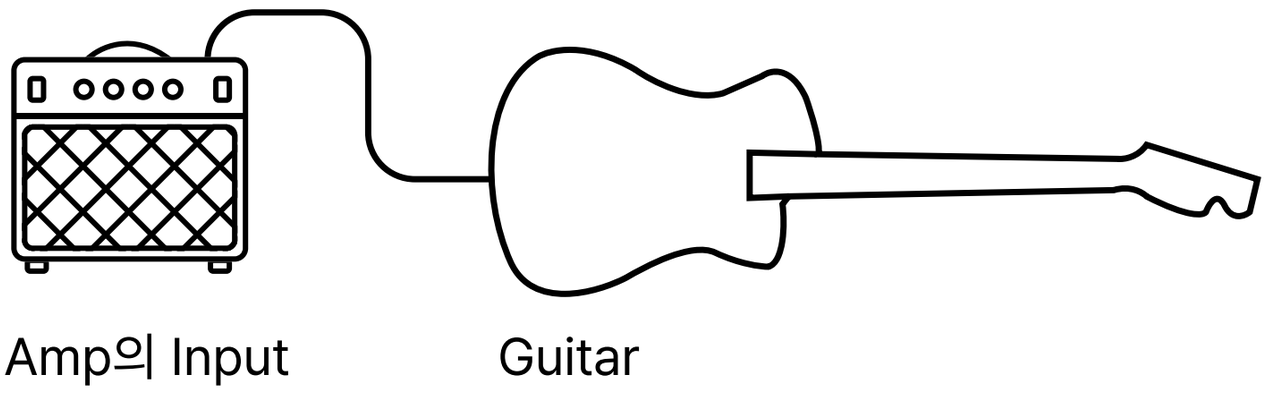
1. Please turn the guitar's power off and on, then close and re open the app.
2. If the problem persists, press and hold the second knob on the guitar for 3 seconds. If a blue light appears, it means that the pairing between the guitar and the connected app and speaker has been disconnected.



6. User Guide for using the external sound source

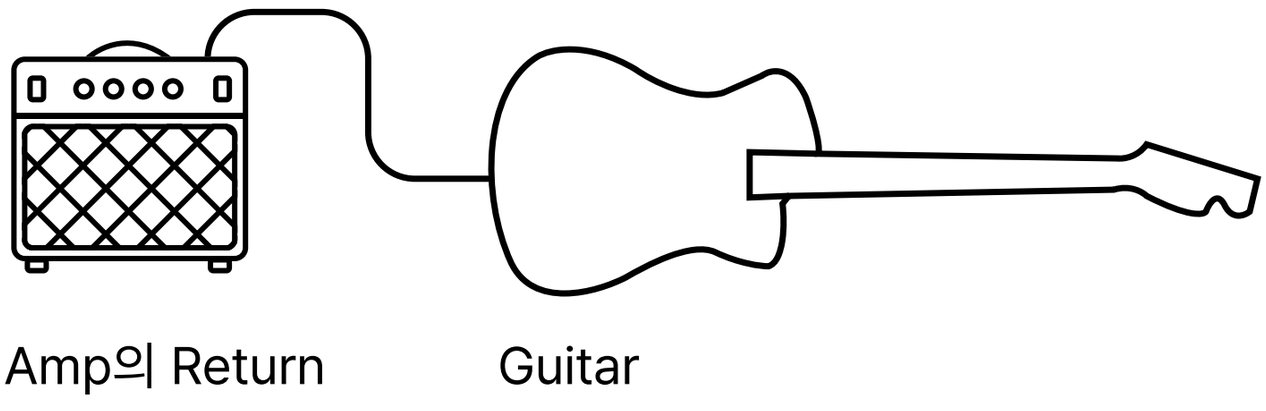
When using PEOZ guitar connected to an external audio device and using the effector presets provided by PEOZ, we recommend the following settings for each case:

When using with a guitar amplifier : Turn Off Amp and IR (CAB module) in the effect chain.



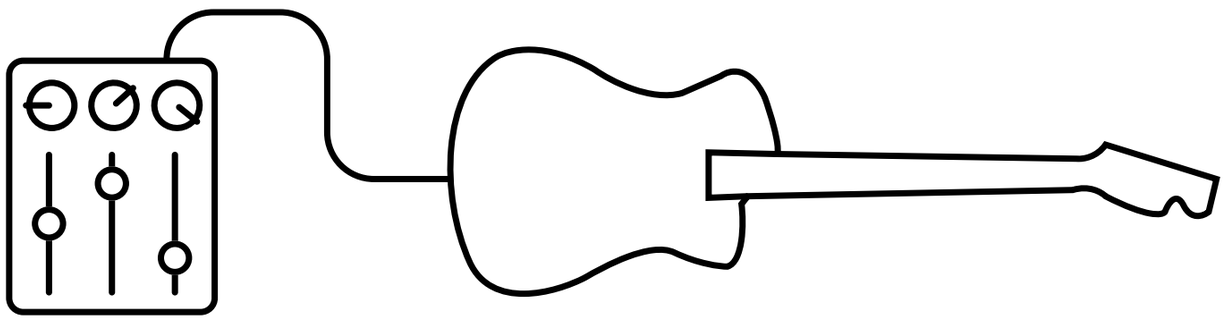
Amp OFF / IR OFF

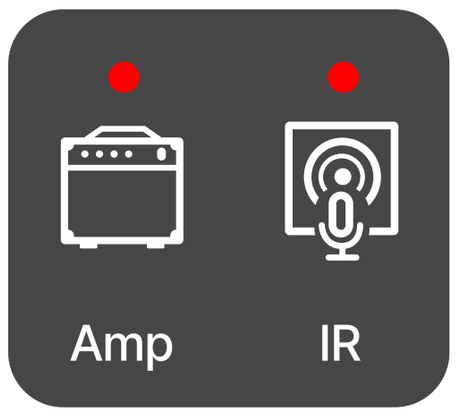
When connected to a power amplifier : Deactivate and connect the IR (CAB module).



Amp ON / IR OFF

When connected to a mixer or FRFR : Activate and connect the AMP and IR (CAB module).





Amp ON / IR ON

※The above is not a mandatory requirement, and you can adjust the settings according to your sound preferences for various audio devices.

7. Built-in Effects List

Gate	Noise gate
	compressor
EFX	TS
	SD10
	LATT
	Distortion
	Autowah
	Acoustic

AMP	5050
	FD
	MS
	MSBG
	VX
	BGN
	JC

Cab	A
	B
	C
	D
	E
Mod	Chorus
	Tremolo
	Phaser
	Vibrato
Delay	Delay
Reverb	Reverb

8. Detailed Guitar Specifications

Spec		
Input	Bluetooth	Audio
		Control
Output	3.5mm	Headphone (Mono)
	5.5mm	Amp
	USB-C	USB Audio interface
	Speaker	3W
Battery	1500mA	5 hours
Control	vol. (Knob 1)	Preset-1
	tone (Knob 2)	Preset-2, Long-press (Bluetooth Pairing)
	master vol. (Knob 3)	Preset-3, Long-press (On / Off)
	True Bypass	Power Off → Bypass
Effects	Built-in effects	26 effects
	Pre-Set	Above 15
	AI effects recognition	Youtube URL, MIC
Automatic update	Firmware update	Bluetooth Update (Effects)
ETC	Body Material	Basswood
	Body Shape	Original / Tele style
	Body Finish	Satin
	Neck Material	Canadian Hard Maple
	Scale Length	25.5" (648mm)
	Finger Board Material	Canadian Hard Maple
	Finger Board Radius	9.5" (241.3mm)
	Number of Frets	22
	Nut Material	Graphite
	Nut Width	42mm
	Neck Pickup	Single
	Bridge Pickup	Humbucker (TR1) / Single (TR2)
	Switching	3way Switch
	Controls	Volume, Tone, Master Volume
	Bridge	Wraparound / 6-Saddle Modern (TR2)
	Tuning Machine	Diecast
	String	009-042 Gauges

9. FCC Warning

1. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
   (1) this device may not cause harmful interference, and
   (2) this device must accept any interference received, including interference that may cause undesired operation.
3. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
   – Reorient or relocate the receiving antenna.
   – Increase the separation between the equipment and receiver.
   – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
   – Consult the dealer or an experienced radio/TV technician for help.

RF warning :
The device has been evaluated to meet general RF exposure requirement.