GO:MIXER STUDIO

Owner's Manual

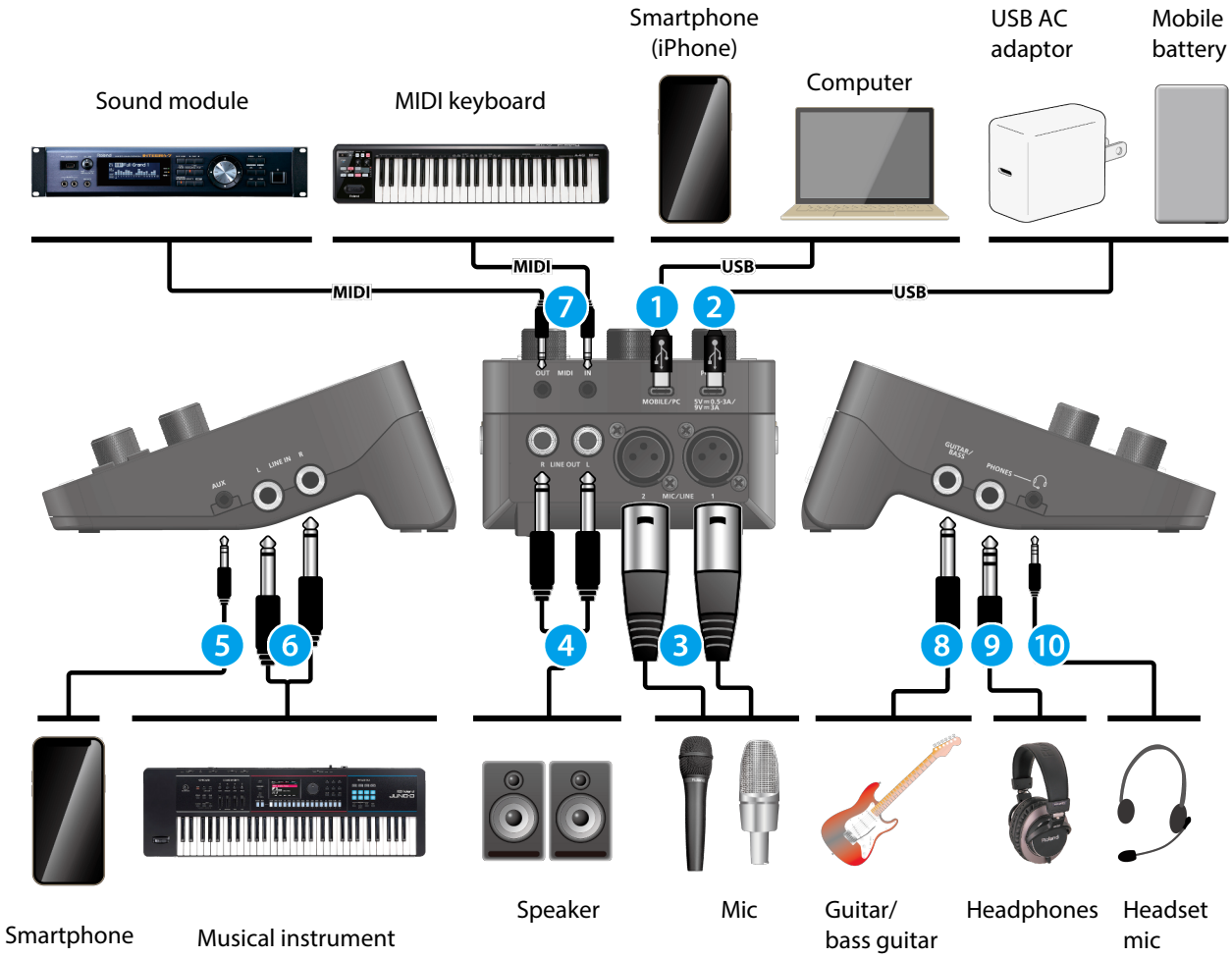
Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY"). After reading, keep the document(s) where it will be available for immediate reference.

Contents

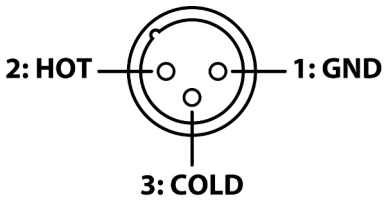
Panel descriptions

Number	Item	Explanation
1	Display	This shows various information depending on the operation.
2	[1] knob	Turn: Adjusts the parameters shown on the left side of the display. Press: Accesses the channel settings shown on the left side of the display. Long-press: Mutes the input/output shown on the left side of the display.
3	[2] knob	Turn: Adjusts the parameter shown at the center of the display. Press: Accesses the channel settings shown at the center of the display. Long-press: Mutes the input/output shown at the center of the display.
4	[3] knob	Turn: Adjusts the parameters shown on the right side of the display. Press: Accesses the channel settings shown on the right side of the display. Long-press: Mutes the input/output shown on the right side of the display.
5	[PHONES] knob	Adjusts the volume of audio output from the PHONES jack.
6	[LINE OUT] knob	Adjusts the volume of audio output from the LINE OUT jacks.
7	[☰] button	Press this button on the top screen to show the menu screen. When on other screens, use this to go back to the previous screen or to cancel an operation.
8	[< >] button	Switches the page shown in the display. • Press the left side of the button to move to the left. • Press the right side of the button to move to the right.

Connecting other devices



Number	Item	Explanation
1	USB port (USB Type-C®)	Use the included USB cable to connect your computer or smartphone (iPhone). * Connect only the included USB cable to this unit's USB port. Also, do not use the included USB cable for connecting other devices aside from this unit.
2	POWER port (USB Type-C®)	Connect this port to a commercially available USB AC adaptor, or to a mobile battery for smartphones. * When supplying power to a smartphone (iPhone) connected to the USB port, use an AC adaptor of 30 W or more that supports USB-PD.

Number	Item	Explanation
3	MIC/LINE (1, 2) connectors	Connect your microphones here. Pin arrangement for the MIC/LINE (1, 2) connectors (XLR)  * When using a condenser mic that requires external power, set the [48V] switch in the edit screen to ON. ➡ "Edit screen (p. 11)" * To use a phantom power supply (+48 V), connect a computer or smartphone (iPhone) that can supply 15 W or more, or connect a 15 W or more USB-PD compatible AC adaptor to the POWER port.
4	LINE OUT (L, R) jacks	Connect these jacks to your amp or monitor speakers.
5	AUX jack	Connect this to your tablet, smartphone or similar device. This jack is compatible with 4-pole mini-phone 3.5 mm plug. When you use a 4-pole mini-phone 3.5 mm cable, you can input the audio from your smartphone and output the mono mix to your smartphone. ➡ " SPLIT AUX OUT (p. 18)" * With a cable that uses a three-conductor mini plug, only audio input is available.
6	LINE IN (L, R) jacks	Connect your keyboard, guitar, effect unit or similar device here. The LINE IN (L, R) jacks support stereo input.
7	MIDI (IN, OUT) connectors	Use a TRS/MIDI connecting cable (BMIDI or BCC series, sold separately) to connect an external MIDI device. * Do not use these connectors for connecting to audio devices. Doing so may cause a malfunction.
8	GUITAR/BASS jack	Connect your guitar or bass guitar here. For guitars (or bass guitars) going through effect units, use the LINE IN (L, R) jacks.
9	PHONES jack	Connect stereo 1/4-inch phone type headphones here.
10	PHONES (mini) jack	Connect a stereo miniature phone type (3.5 mm) in-ear monitor or headset microphone here. * You can adjust the volume for the PHONES jack and PHONES (mini) jack separately. ➡ " SPLIT MINI (p. 18)"

1 Connect the instrument, mic, audio player, etc. that you want to record to the GO:MIXER STUDIO.

2 Connect the included USB cable first to the GO:MIXER STUDIO and then to your smartphone (iPhone).

* If you are unable to record on your smartphone (iPhone), slowly repeat step 2.
* To prevent malfunction and equipment failure, always turn down the volume and turn off all the devices before making any connections.
* In some cases, you may hear noise when you connect a smartphone (iPhone), or when you launch or operate an app.

Attaching a tripod

A tripod for cameras (commercially available) can be attached to the bottom of this unit.

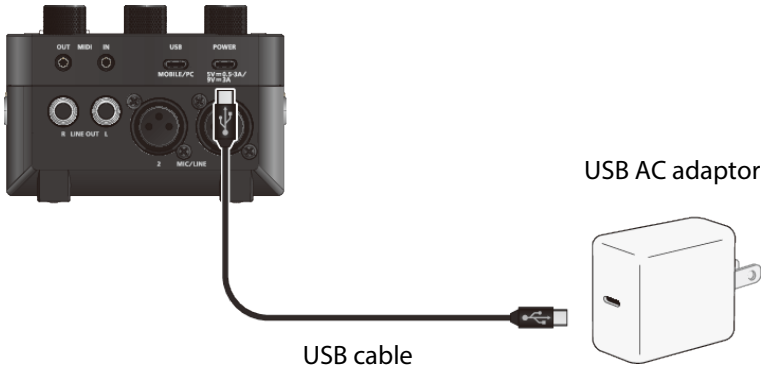
* When turning the unit over, be careful to protect the buttons, knobs and other controls from damage. Also, handle the unit carefully; do not drop it or allow it to topple over.
* You may not be able to attach the tripod to this unit, depending on the type of tripod plate used. Use a tripod plate that's no more than 48 mm wide on the short side.

Attach the camera mounting screw on the tripod to the screw hole on the bottom of the GO:MIXER STUDIO.

Power supply

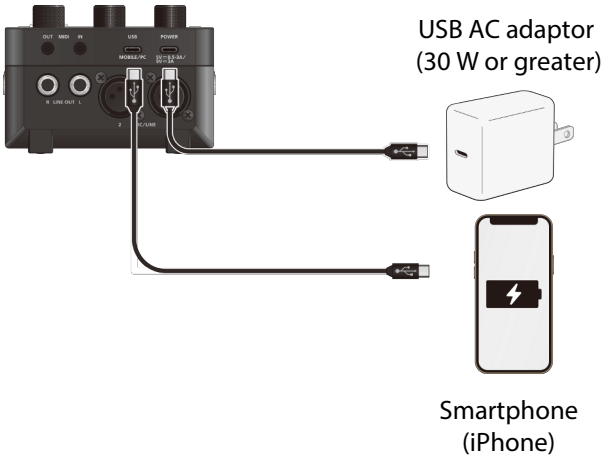
Supplying power from a USB AC adaptor

A commercially available USB AC adaptor (9 V ⎓ 3 A, or 5 V ⎓ 0.5 A or greater) is required to power this unit via the POWER port.
Some USB AC adaptors may not work with this unit, depending on the manufacturer and type.



MEMO

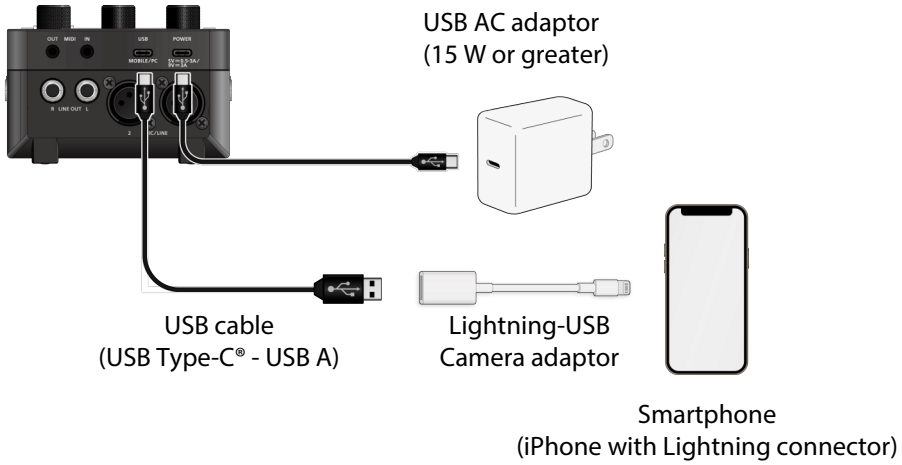
- If you want to supply phantom power to a condenser microphone, please use a USB AC adapter (PD compatible, 15 W or greater) connected via USB Type-C® cable.
  Phantom power cannot be supplied when using a USB-A type USB AC adaptor.
- If you use a USB AC adaptor that can supply at least 30 W (9 V ⎓ 3 A compatible), you can use this unit while supplying power to a smartphone (iPhone) connected to the other USB port.



MEMO

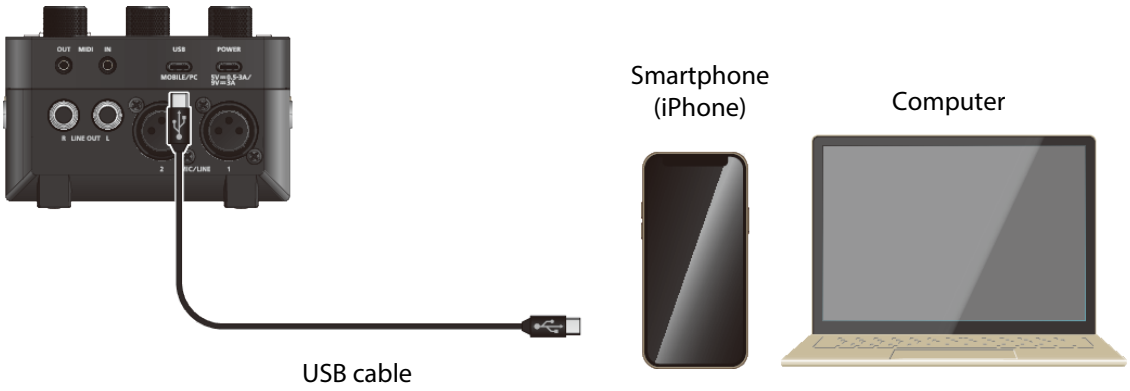
- If you have an iPhone/iPad equipped with a Lightning connector, connect a USB-PD adaptor that supplies at least 15 W of power and can be connected to this unit via USB Type-C®.

- Even if you use a USB AC adaptor that can supply at least 30 W of power, this cannot supply power to a smartphone.



Supplying power from a computer or smartphone (iPhone)

When you connect this unit to a computer or smartphone (iPhone) using the included cable, you can supply power from the computer or from the smartphone (iPhone).



MEMO

- If you are using a phantom power supply (+48 V), your computer or smartphone (iPhone) must be able to provide at least 15 W of power.
- GO:MIXER STUDIO supports USB Class Compliant (USB Audio Class 1.0/2.0).
  Refer to "Setting the operation mode (USB driver) (p. 24)" for details.

Turning the power on/off

Before turning the unit on/off, always be sure to turn the volume down.
Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and is not a malfunction.

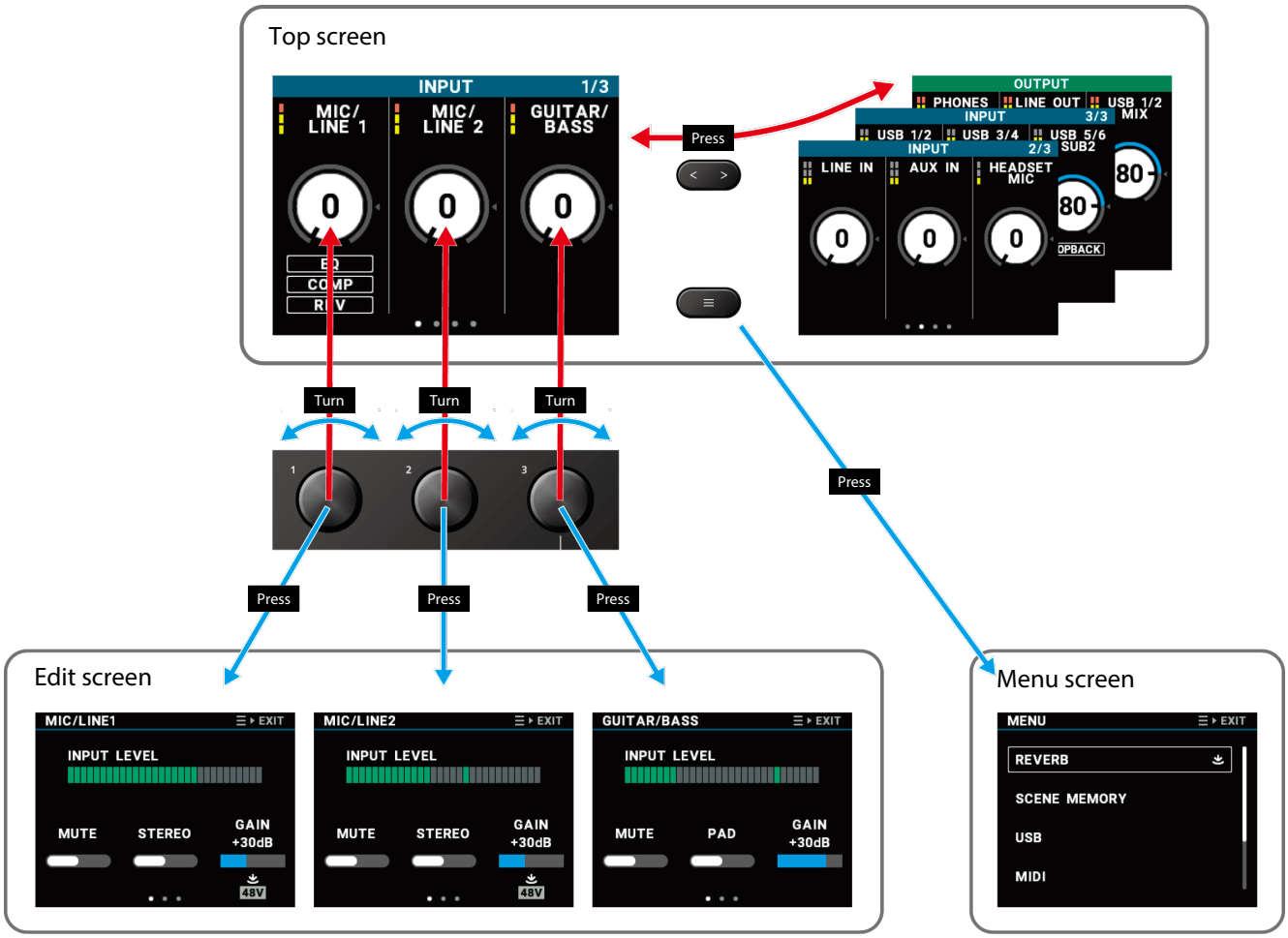
Turning the power on

1 The power turns on once you connect your computer or smartphone (iPhone) to the USB port.
The unit also powers up when a USB AC adaptor is connected to the POWER port.

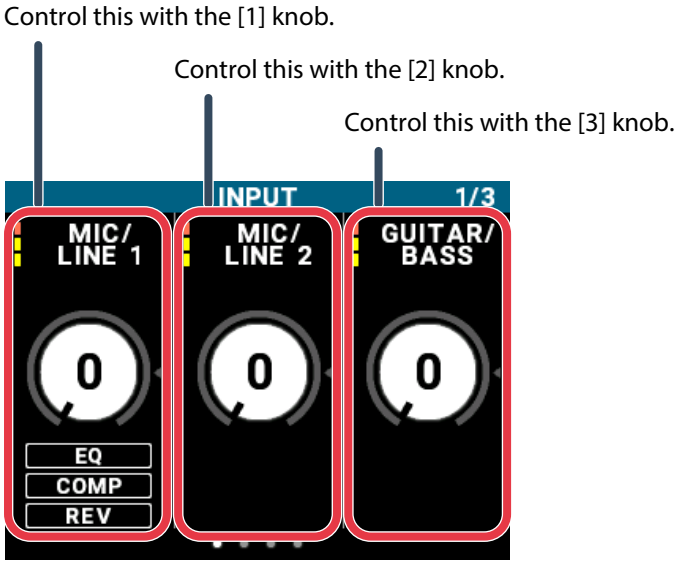
Turning the power off

1 Disconnect the USB cable connected to the USB port or POWER port to turn off the power.

How to view and operate the screen



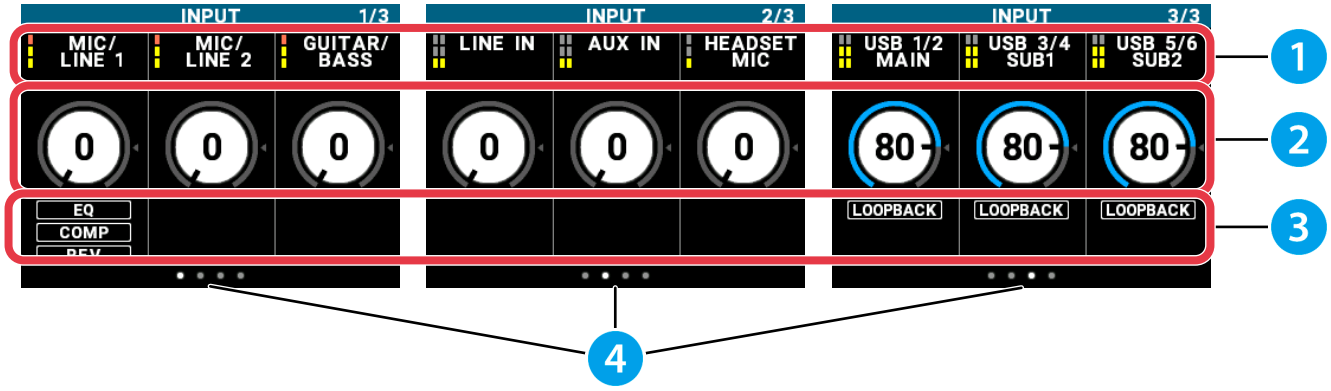
Top screen



Controller	Explanation
[1]–[3] knobs	Turn: Adjusts the input level or output level. Press: Shows the channel settings screen. Long-press: Turns the mute function on/off.

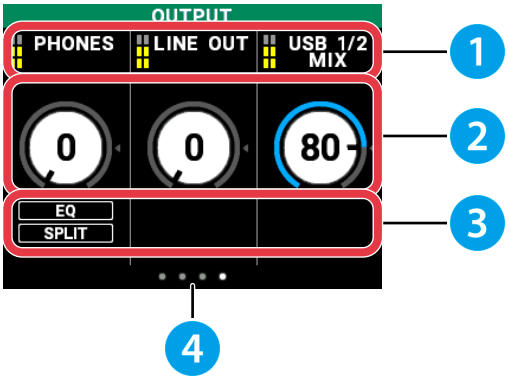
Controller	Explanation
[☰] button	Opens the menu.
[< >] button	Switches between INPUT/OUTPUT screens to display.

Input channels



Number	Item	Explanation
1	Channel name	Shows the channel name.
	Level meters	Shows the mix level to the left of the channel names. For stereo channels, the level meter is also shown in stereo.
2	Mix level	Use the corresponding [1]–[3] knobs to adjust the mix level. The mute icon is shown if the output is muted.
3	Effect display	Shows the effects that have been enabled for the channels.
	Loopback display	This is shown if loopback is enabled.
4	Carousel view	This indicates which screen number you are looking at when you use the [< >] buttons to switch between INPUT/OUTPUT screens.

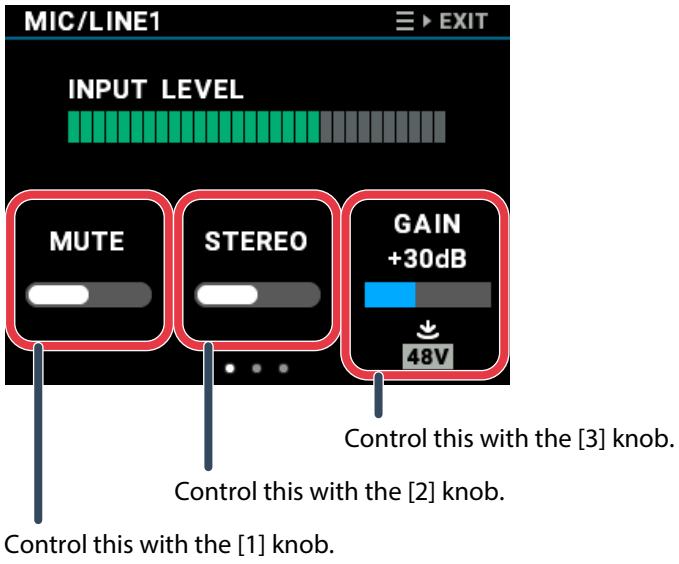
Output channels

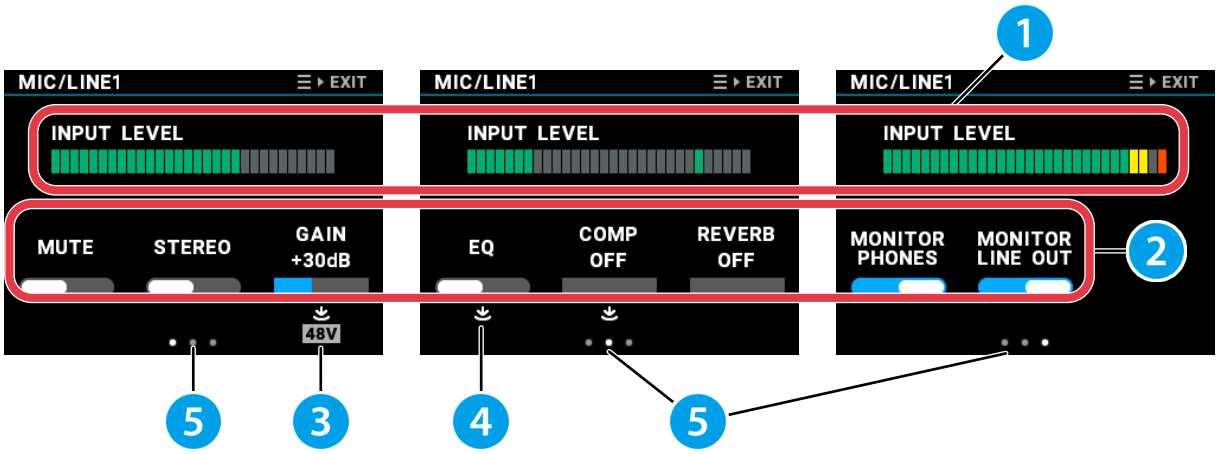


Number	Item	Explanation
1	Channel name	Shows the channel name.
	Level meters	The output levels are shown to the left of the channel names.
2	Output level	Use the corresponding [1]–[3] knobs to adjust the output levels. The mute icon is shown if the output is muted.

Number	Item	Explanation
3	EQ/SPLIT display	EQ is shown when EQ is enabled. SPLIT is shown when split is enabled for the PHONES channel.
4	Carousel view	This indicates which screen number you are looking at when you use the [< >] buttons to switch between INPUT/OUTPUT screens.

Edit screen

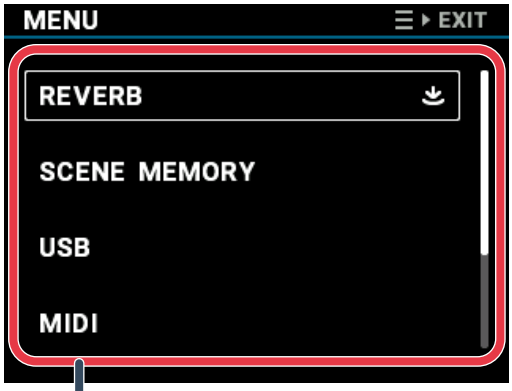




Number	Item	Explanation
1	Level meter	Shows the input level or output level for the channel.
2	Parameters	Turn the corresponding [1]–[3] knobs to change the settings.
3	48V	Press the [3] knob to switch phantom power on/off. * If you want to use phantom power (+48 V), use a USB AC adapter (PD compatible) (15 W or greater) connected via USB Type-C®.
4	(push) icon	Shows the detailed settings screen.

Number	Item	Explanation
5	Carousel view	This indicates which screen number you are looking at when you use the [< >] buttons to switch between INPUT/OUTPUT screens.

Menu screen



Control this using the [3] knob.

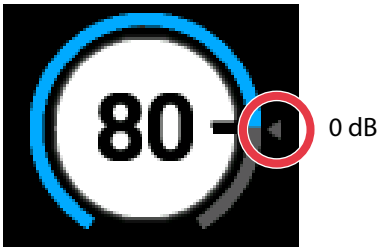
Item	Explanation
REVERB	Configures the reverb settings.
SCENE MEMORY	Saves and recalls the scene memories.
USB	Configures the USB driver and audio settings.
MIDI	Switches the TRS MIDI THRU on/off.
FACTORY RESET	Returns the unit to its factory settings.
FIRMWARE VERSION	Shows the system version.

Adjusting the volume

Adjusting the input volume

Turn the corresponding knobs for the INPUT 1/3–3/3 screens to adjust the volume for each input.

1 Use the knob for the channel you want to adjust to set the input level to 80 (0 dB).



0 dB

2 **Press the knob to show the channel settings screen.**

3 **Adjust the GAIN parameter so that the level meter does not light up red.**

MEMO

Adjust the gain so that MIC/LINE1, MIC/LINE2, GUITAR/BASS and HEADSET MIC do not light up red.

Screen ([< >] buttons)	**[1] knob**	**[2] knob**	**[3] knob**
INPUT (1/3)	MIC/LINE 1	MIC/LINE 2	GUITAR/BASS
INPUT (2/3)	LINE IN	AUX IN	HEADSET MIC
INPUT (3/3)	USB 1/2 MAIN	USB 3/4 SUB1	USB 5/6 SUB2

MEMO

Adjust the volumes separately on the devices that are connected to MIC/LINE1, MIC/LINE2, LINE IN and AUX.

Adjusting the output volume

Turn the corresponding knobs to adjust the volume for each output.

Screen ([< >] buttons)	**[PHONES] knob**	**[LINE OUT] knob**	**[3] knob**
OUTPUT	PHONES (*1)	LINE OUT (*2)	USB 1/2 MIX

*1 You can change the volume for the PHONES (mini) without changing the volume of the PHONES jack.

➡ " SPLIT MINI (p. 18)"

*2 You can change the volume for the AUX jack (output) without changing the volume of the LINE OUT jacks.

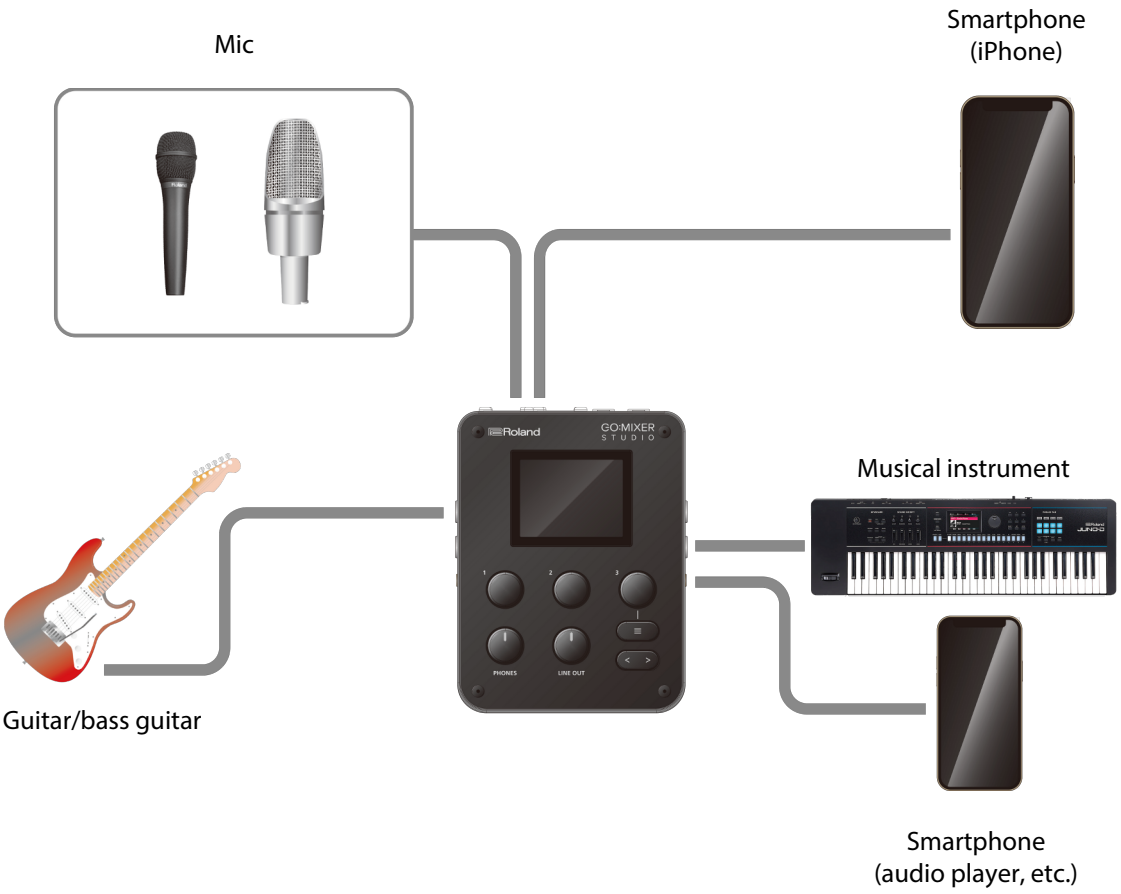
➡ " SPLIT AUX OUT (p. 18)"

Connection example

Connecting a musical instrument or audio equipment

1 Connect the instrument, mic, audio player or the like that you want to record to the GO:MIXER STUDIO.

2 Connect the USB cable to the GO:MIXER STUDIO and then to the smartphone (iPhone).



- If you are unable to record on your smartphone (iPhone), try connecting your device again.
- To prevent malfunction and equipment failure, always turn down the volume and turn off all the instruments before making any connections.
- In some cases, you may hear noise when you connect a smartphone (iPhone), or when you launch or operate an app.

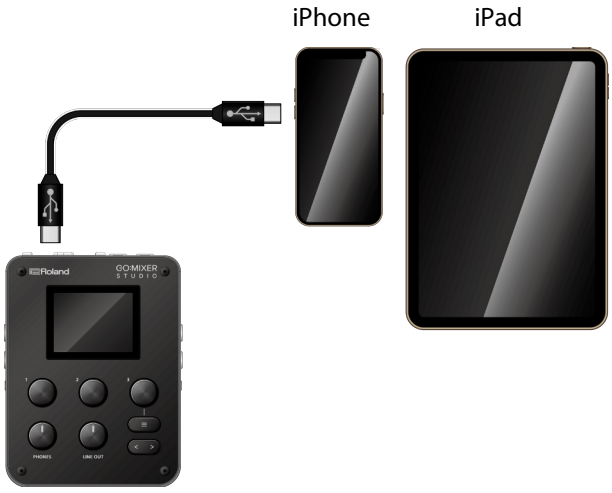
NOTE

- Connect only the included USB cable to this unit's USB port. Also, do not use the included USB cable for connecting other devices aside from this unit.
- Plug your guitar or bass guitar into the GUITAR/BASS jack, your mics into the MIC/LINE connectors, and your headset mic into the PHONES (mini) jack. If you are not connecting a mic or guitar, set each input to "0". If the setting is not zero, you may hear noise.

Connecting to an iPad/iPhone

Use a USB Type-C® cable to connect to an iPad or iPhone that features a USB Type-C® port.

1 **Connect your iPhone or iPad to the USB port on the GO:MIXER STUDIO.**



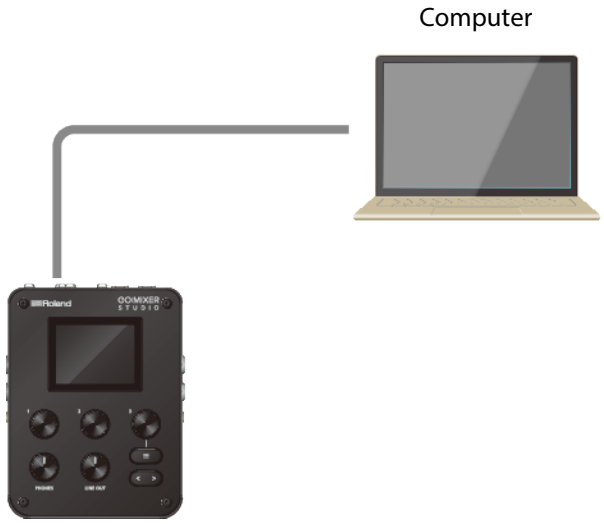
MEMO

If you have an iPhone/iPad equipped with a Lightning connector, connect a USB AC adapter (PD compatible) that supplies at least 15 W of power and can be connected to this unit via USB Type-C®.

Connecting to a computer

Use a USB Type-C® cable to connect to your computer.

1 Connect your computer to the USB port on the GO:MIXER STUDIO.



➡ “USB settings (p. 23)”

Configuring the input/output settings

1 Press the [< >] button on the top screen to access the input/output settings you want to set.

2 Press the corresponding [1]–[3] knob.

The settings screen appears.
You can check the input/output levels from the level meters shown at the top of the screen.

MIC/LINE1, MIC/LINE2

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
GAIN	0–+75dB	Turn the knob to adjust the mic sensitivity. When connecting a line-level device, the signal may easily distort, so lower the value. **MEMO** • Adjust the gain so that the level meter does not light up red. • You can press the knob to switch phantom power on/off. When using phantom power, a power supply of at least 15 W is required. ➡ "Supplying power from a USB AC adaptor (p. 7)" ➡ "Supplying power from a computer or smartphone (iPhone) (p. 8)"
STEREO	Off, On	Turn the knob to select whether MIC/LINE1 and MIC/LINE2 use two independent inputs (the off setting), or whether they are treated as a single stereo input (the on setting). * When this setting is on, the MIC/LINE2 value is integrated with the MIC/LINE1 value. When the setting is off, the values return to how they were before.
MONITOR PHONES	Off, On	Turn the knob to switch the output from the PHONES jack on/off.
MONITOR LINE OUT	Off, On	Turn the knob to switch the output from the LINE OUT (L, R) jacks on/off.

GUITAR/BASS

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
PAD	Off, On	Turn the knob to switch the pad on/off. If you are connecting a high-output device such as a guitar or bass with an active pickup, you can turn on the pad to keep the input signal down and reduce distortion.
GAIN	0–+40dB	Turn the knob to adjust the sensitivity. **MEMO** Adjust the gain so that the level meter does not light up red when you play loudly.
MONITOR PHONES	Off, On	Turn the knob to switch the output from the PHONES jack on/off.
MONITOR LINE OUT	Off, On	Turn the knob to switch the output from the LINE OUT (L, R) jacks on/off.

LINE IN, AUX IN

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
MONITOR PHONES	Off, On	Turn the knob to switch the output from the PHONES jack on/off.
MONITOR LINE OUT	Off, On	Turn the knob to switch the output from the LINE OUT (L, R) jacks on/off.

HEADSET MIC

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.

Parameter	Value	Explanation
GAIN	0–+40dB	Turn the knob to adjust the sensitivity of the headset mic connected to the PHONES (mini) jack. **MEMO** Adjust the gain so that the level meter does not light up red.
MONITOR PHONES	Off, On	Turn the knob to switch the output from the PHONES jack on/off.
MONITOR LINE OUT	Off, On	Turn the knob to switch the output from the LINE OUT (L, R) jacks on/off.

USB 1/2, 3/4, 5/6

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
LOOPBACK	Off, On	Turn the knob to switch loopback on/off. When this is on, you can return the audio from each USB channel played by the computer to the computer's MIX channel.
MONITOR PHONES	Off, On	Turn the knob to switch the output from the PHONES jack on/off.
MONITOR LINE OUT	Off, On	Turn the knob to switch the output from the LINE OUT (L, R) jacks on/off.

PHONES

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
SPLIT MINI	Off, On	This sets whether you can turn the knob to adjust the volume for the PHONES jack and PHONES (mini) jack separately. When this is on, you can adjust the volume of the PHONES (mini) jack using the [1] knob while the OUTPUT screen is shown.

LINE OUT

Parameter	Value	Explanation
MUTE	Off, On	Turn the knob to switch mute on/off.
SPLIT AUX OUT	Off, On	Turn the knob to set whether you can adjust the volume of the LINE OUT jacks and the AUX jack (output) separately. When this is on, you can adjust the volume of the AUX jack using the [2] knob while the OUTPUT screen is shown. You can output mono mix audio when a 4-pole mini-phone 3.5 mm cable is connected to the AUX jack.
AUX SRC	LINE OUT, PHONES	Selects the audio to output from the AUX jack.

Using the effects

Using the effects lets you easily make changes to the character of the sound, which is very useful when you're editing audio.
Also, three types of digital effects are included for sound playback and for recording audio from a mic, guitar or other instruments, and the three knobs can be used to easily shape the sounds.
You can apply effects to the audio from the line input or digital input.

1 Display the channel to which you want to apply effects on the screen.

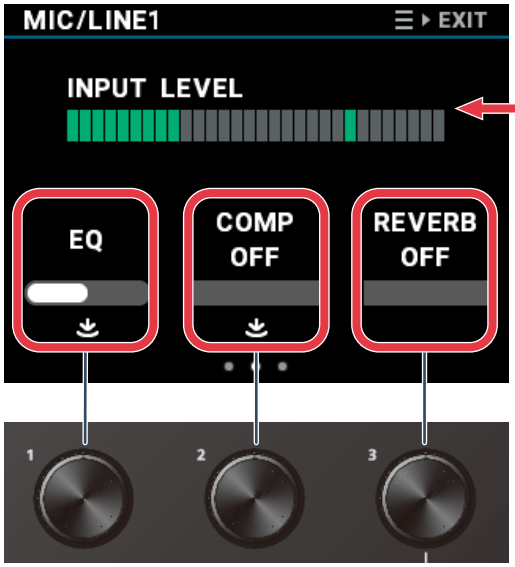
2 Press the corresponding [1]–[3] knob.

The input settings screen appears.

3 Use the [< >] buttons to select page 2.

NOTE

Some of the effects may not be shown, depending on the sample rate settings and the channel.



INPUT LEVEL display

Indicates the state before adjusting the channel level.

Parameter	Value	Explanation
EQ	Off, On	Adjusts the volume of the low, middle and high frequencies. Turn the [1] knob to switch the EQ on/off. Press the [1] knob to show the EQ settings screen. ➡ "Adjusting the frequency characteristics of the sound (EQ) (p. 20)"
COMP	Off, 1–30	This effect reduces high volume levels while bringing up the level of quieter sounds, keeping down any variations in overall volume. Turn the [2] knob to adjust the depth of the comp effect. When you adjust this value, each of the parameters in the COMP settings screen are set to their optimal values. Press the [2] knob to show the COMP settings screen. ➡ "Smoothing out variances in volume (COMP) (p. 20)"
REVERB	Off, 1–100	Adjusts the reverb depth. Turn the [3] knob to adjust how much signal is sent to reverb. ➡ "Adding spatial width and depth to the sound (REVERB) (p. 21)"

Effect list for each channel

The effects you can use differ depending on the channel and sample rate.

Channel	44.1/48 kHz	96 kHz	192 kHz
MIC/LINE 1, 2	EQ COMP REVERB	EQ COMP REVERB	EQ
GUITAR/BASS	EQ COMP REVERB	EQ REVERB	EQ
LINE IN	EQ COMP	EQ	EQ
AUX	EQ COMP	EQ	EQ
HEADSET MIC	EQ COMP	EQ	EQ
PHONES	EQ	EQ	EQ
LINE OUT	EQ	EQ	EQ

Adjusting the frequency characteristics of the sound (EQ)

Parameter	Sub-parameter	Value	Explanation
EQ LO	–	-12–+12 [dB]	Turn the [1] knob to adjust the boost/cut of the low frequency range. Press the [1] knob to show the detailed settings screen.
	FREQ	16.0–24.0k [Hz]	Sets the base frequency of the low range.
	Q	0.4–16.0	Specifies the width of the low frequency range. Higher values make the bandwidth narrower.
EQ MID	–	-12–+12 [dB]	Turn the [2] knob to adjust the boost/cut of the middle frequency range. Press the [2] knob to show the detailed settings screen.
	FREQ	16.0–24.0k [Hz]	Sets the base frequency for the midrange.
	Q	0.4–16.0	Specifies the width of the midrange. Higher values make the bandwidth narrower.
EQ HI	–	-12–+12 [dB]	Turn the [3] knob to adjust the boost/cut of the high frequency range. Press the [3] knob to show the detailed settings screen.
	FREQ	16.0–24.0k [Hz]	Sets the base frequency of the high range.
	Q	0.4–16.0	Specifies the width of the high range. Higher values make the bandwidth narrower.

Smoothing out variances in volume (COMP)

Parameter	Value	Explanation
TYPE	CHCP-4K, OPTCP-2A, FETCP-76	This selects the compressor type. CHCP-4K: This models a compressor with a built-in expander, such as those found on professional-grade mixers. OPTCP-2A: This models a vintage optical compressor that uses a vacuum tube. FETCP-76: This models a classic studio-use FET compressor.

CHCP-4K parameters

Parameter	Value	Explanation
THRES	-60–0 [dB]	Adjusts the base level at which compression starts.
RATIO	0.00–1.00	Adjusts the compression ratio. The effect works as a limiter when the value is set to 1.00.
FAST ATK	Off, On	When this is on, the compressor switches to fast mode, in which 20 dB of compression is applied within 3 msec.
RELEASE	0–4000 [msec]	Adjusts the time after the input signal volume falls below the threshold until compression stops.
EXPANDER	Off, On	Switches the expander on/off.
EXP THRES	-60–0 [dB]	Sets the threshold (minimum level) with which noise suppression is applied.
EXP RANGE	0.00–1.00	Adjusts the degree to which the expander/gate effect is applied. When this is set to 0.00, the effect is disabled; and when this is set to 1.00, a maximum of 50 dB noise is suppressed.
EXP RELS	0–4000 [msec]	Sets the speed at which the expander effect is intensified after the signal level falls below the threshold.

OPTCP-2A parameters

Parameter	Value	Explanation
PEAK REDU	0–100	Adjusts the base level at which compression starts.
GAIN	0–100	Adjusts the output level.
HF	0–100	Adjusts the compression sensitivity to high-frequency signals.

FETCP-76 parameters

Parameter	Value	Explanation
IN LEVEL	-Inf, -60–0 [dB]	Adjusts the input volume.
OUT LEVEL	-Inf, -60–0 [dB]	Adjusts the output volume.
ATTACK	0.0–7.0	Sets the time it takes for compression to start once the audio input crosses the threshold. A value of 0.0 is the longest time it takes for compression to be applied.
RELEASE	0.0–7.0	Adjusts the time after the input signal volume falls below the threshold until compression stops. A value of 0.0 is the longest time it takes for compression to stop.
RATIO	4:1, 8:1, 12:1, 20:1, ALL	Adjusts the compression ratio. When this is set to “ALL”, the effect behaves as if all options are selected.

* When you select FETCP-76, this effect may output a very loud sound, depending on how the parameters are set. Also, use caution when inputting very loud sounds into the FETCP-76 effect, as this may cause the output sound to distort or produce noise. If this happens, lower the IN LEVEL or OUT LEVEL, or take other measures to adjust the volume.

Adding spatial width and depth to the sound (REVERB)

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “REVERB”, and then press the [3] knob.

3 Use the [< >] buttons to switch between pages, and use the [1]–[3] knobs to change the values.

Parameter	Value	Explanation
LEVEL	-Inf, -60–0 [dB]	Sets the volume of the sound after passing through the reverb effect.
SELECTION	R0.3–R37, H15–H37, P-B, P-A	Selects the type of reverb offered by the Roland SRV-2000 digital reverb. R0.3–R37: Room reverb. Higher values increase the size of the room. H15–H37: Hall reverb. Higher values increase the size of the concert hall. P-B: Plate reverb. A more flamboyant reverb sound than P-A. P-A: Plate reverb.
PRE DELAY	0–160 [msec]	Adjusts the delay time from when the direct sound plays until the reverb sound is heard.
TIME	0.1–99.0 [sec]	Adjusts the decay length of the reverb sound.
HF DAMP	0.05–1.00	Adjusts the high-frequency portion of the reverb.

Saving the mixer state (SCENE MEMORY)

Saving a scene (WRITE)

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “SCENE MEMORY”, and then press the [3] knob.

3 Turn the [3] knob to select “WRITE”, and then press the [3] knob.

The SCENE MEMORY WRITE screen appears.

4 Turn the [3] knob to select the save destination, and press the [3] knob.

The rename screen appears.

Operation	[1] knob	[2] knob	[3] knob
Turn	Selects the character.	Moves the cursor.	Toggles between uppercase, lowercase and numbers.
Press	Inserts a single character.	Deletes a single character.	Confirms the changes and closes the rename screen.

5 Press the [3] knob to save.

If you decide to cancel, press the [☰] button.

Loading a saved scene (LOAD)

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “SCENE MEMORY”, and then press the [3] knob.

3 Turn the [3] knob to select “LOAD”, and then press the [3] knob.

The SCENE MEMORY LOAD screen appears.

4 Turn the [3] knob to select the scene to load, and press the [3] knob.

A confirmation message appears.

5 Press the [3] knob to load.

If you decide to cancel, press the [☰] button.

USB settings

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “USB”, and then press the [3] knob.

The USB screen appears.

<table>
<tr><th>Parameter</th><th>Value</th><th>Explanation</th></tr>
<tr><td>MODE</td><td>2 ch,
MULTI-CH,
Windows</td><td>Selects the GO:MIXER STUDIO output mode.
* You must turn the unit off and on again to enable this setting.
➡ “Setting the operation mode (USB driver) (p. 24)”</td></tr>
<tr><td>SOURCE</td><td>DIRECT,
PREFADER,
POSTFADER</td><td>Sets how the audio (channels aside from MIX L/R) is output when “MULTI CH, Windows” is set in MODE.
DIRECT: The signal after input gain adjustment to which EQ or effects have not been applied is output to each channel via USB.
PREFADER: The signal before volume adjustment is output to each channel via USB. Use this when you want to adjust the mix balance using your DAW or other software.
POSTFADER: The signal that has been adjusted for mix balance is output to each channel via USB.
<table>
<tr><th>Value</th><th>Audio</th><th>Effects</th><th>Volume adjustment</th></tr>
<tr><td>DIRECT</td><td>✓</td><td>–</td><td>–</td></tr>
<tr><td>PREFADER</td><td>✓</td><td>✓</td><td>–</td></tr>
<tr><td>POSTFADER</td><td>✓</td><td>✓</td><td>✓</td></tr>
</table>
</td></tr>
<tr><td>SMP RATE</td><td>44.1kHz,
48kHz,
96kHz,
192kHz</td><td>Selects the sample rate.
* You must turn the unit off and on again to enable this setting.
* When “2 ch” is selected for MODE, the sample rate is set to a fixed value of 48 kHz.
* When the value is 192 kHz, the number of IN/OUT channels changes.
➡ “Input/output specifications for each mode (p. 25)”
* The effects that can be used change when the value is 96 kHz or 192 kHz.
➡ “Effect list for each channel (p. 19)”</td></tr>
</table>

3 Press the [☰] button.

If you have changed the mode or sample rate, a confirmation message to restart the unit is shown.

MEMO

- If you have not changed the mode or sample rate, the display returns to the MENU screen.
- If you decide to cancel, press the [☰] button.

4 Press the [3] knob.

The unit automatically restarts, and the settings are updated.

Setting the operation mode (USB driver)

The GO:MIXER STUDIO supports USB Class Compliant (USB Audio Class 1.0/2.0).

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “USB”, and then press the [3] knob.

The USB screen appears.

3 Turn knob [1] to specify the mode.

Mode	Supported operating systems	USB class compliant	Input/output	Sample rate
2 ch	Windows, macOS, iOS	USB Audio Class 1.0	2 in, 2 out	48kHz
MULTI-CH	Windows (*1), macOS, iOS	USB Audio Class 2.0	12 in, 6 out (8 in, 4 out *3)	44.1kHz, 48kHz, 96kHz, 192kHz (*3)
Windows	Windows (*2)	Vendor	12 in, 6 out (8 in, 4 out *3)	44.1kHz, 48kHz, 96kHz, 192kHz (*3)

*1: This might not work correctly for some computer models. If this doesn't work, set the mode to "Windows".

*2: For Windows computers, we recommend that you set the mode to "Windows" when using this unit. When using this unit with the mode set to "Windows", download and install the USB driver from the Roland website. When using ASIO, make sure to use the "Windows" setting for the mode.

https://roland.cm/gomixerst

*3: When the sample rate is 192 kHz, the number of IN/OUT channels changes.

4 Press the [☰] button.

A confirmation message for restarting this unit appears.

If you decide to cancel, press the [☰] button.

5 Press the [3] knob.

The unit automatically restarts, and the settings are updated.

Input/output specifications for each mode

Mode	Input (to PC)	Output (from PC)	Sample rate	Bit rate	MIDI
2 ch	2 in	2 out	48kHz	24bit	2 in, 2 out

Mode	Input (to PC)	Output (from PC)	Sample rate	Bit rate	MIDI
MULTI-CH	12 in 1: MIX L 2: MIX R 3: MIC/LINE 1 4: MIC/LINE 2 5: GUITAR/BASS L 6: GUITAR/BASS R 7: LINE IN L 8: LINE IN R 9: AUX L 10: AUX R 11: HEADSET MIC L 12: HEADSET MIC R	6 out 1: MAIN OUT L 2: MAIN OUT R 3: SUB1 OUT L 4: SUB1 OUT R 5: SUB2 OUT L 6: SUB2 OUT R	44.1kHz 48kHz 96kHz	24bit	2 in, 2 out
	8 in 1: MIX L 2: MIX R 3: MIC/LINE 1 4: MIC/LINE 2 5: GUITAR/BASS L 6: GUITAR/BASS R 7: LINE IN L 8: LINE IN R	4 out 1: MAIN OUT L 2: MAIN OUT R 3: SUB1 OUT L 4: SUB1 OUT R	192kHz		
Windows	12 in 1: MIX L 2: MIX R 3: MIC/LINE 1 4: MIC/LINE 2 5: GUITAR/BASS L 6: GUITAR/BASS R 7: LINE IN L 8: LINE IN R 9: AUX L 10: AUX R 11: HEADSET MIC L 12: HEADSET MIC R	6 out 1: MAIN OUT L 2: MAIN OUT R 3: SUB1 OUT L 4: SUB1 OUT R 5: SUB2 OUT L 6: SUB2 OUT R	44.1kHz 48kHz 96kHz	24bit	2 in, 2 out
	8 in 1: MIX L 2: MIX R 3: MIC/LINE 1 4: MIC/LINE 2 5: GUITAR/BASS L 6: GUITAR/BASS R 7: LINE IN L 8: LINE IN R	4 out 1: MAIN OUT L 2: MAIN OUT R 3: SUB1 OUT L 4: SUB1 OUT R	192kHz		

NOTE

- When using “MULTI-CH, Windows”, you may not be able to select all of the ports, depending on the app.
- If you select “MULTI-CH, Windows”, the app you’re using may crash. If this happens, use the 2 ch setting.

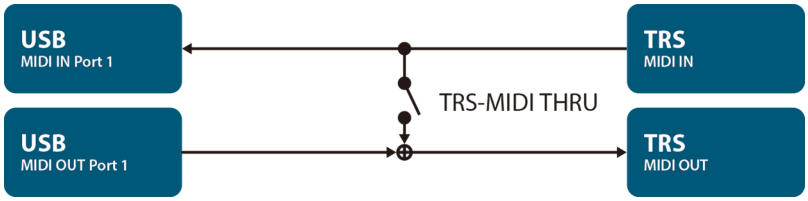
MIDI interface function settings

This unit operates as a 1 in, 1 out MIDI interface when you connect your computer to the unit via USB.
Use a TRS/MIDI connecting cable (BMIDI or BCC series, sold separately) to connect an external MIDI device to the MIDI jack (TRS).

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “MIDI”, and then press the [3] knob.

The MIDI screen appears.

Parameter	Value	Explanation
TRS-MIDI THRU	Off, On	Specifies whether MIDI messages received via the TRS MIDI IN connector are retransmitted as-is from the TRS MIDI OUT connector (On) or are not retransmitted (Off). 

3 Press the [☰] button to return to the MENU screen.

4 Press the [☰] button again to return to the top screen.

Restoring the factory settings (FACTORY RESET)

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “FACTORY RESET”, and then press the [3] knob.

A confirmation message appears.

3 Press the [3] knob to execute the factory reset.

If you decide to cancel, press the [☰] button.

Once the reset is finished, the unit automatically restarts.

Checking the system program version (FIRMWARE VERSION)

1 On the top screen, press the [☰] button.

2 Turn the [3] knob to select “FIRMWARE VERSION”, and then press the [3] knob.

The FIRMWARE VERSION screen appears.

3 Press the [☰] button to return to the MENU screen.

4 Press the [☰] button again to return to the top screen.

Removing and attaching the faceplate

You can remove the faceplate of this unit when you want to customize the top panel.

NOTE

- When removing or attaching the faceplate, be careful not to cut your fingers or hands on the edges.
- The faceplate may warp if exposed to a strong impact when removed. If this happens, you may not be able to reattach it.

Required items

Hex wrench (1.5 mm, commercially available)

Removing the faceplate

1 Use a commercially available hex wrench to remove the two screws on the left side of this unit.

2 Remove the two screws on the right side of this unit.

3 Remove the faceplate.

Attaching the faceplate

Follow the steps from above in reverse order when attaching the faceplate.

1 Place the faceplate on top on this unit.

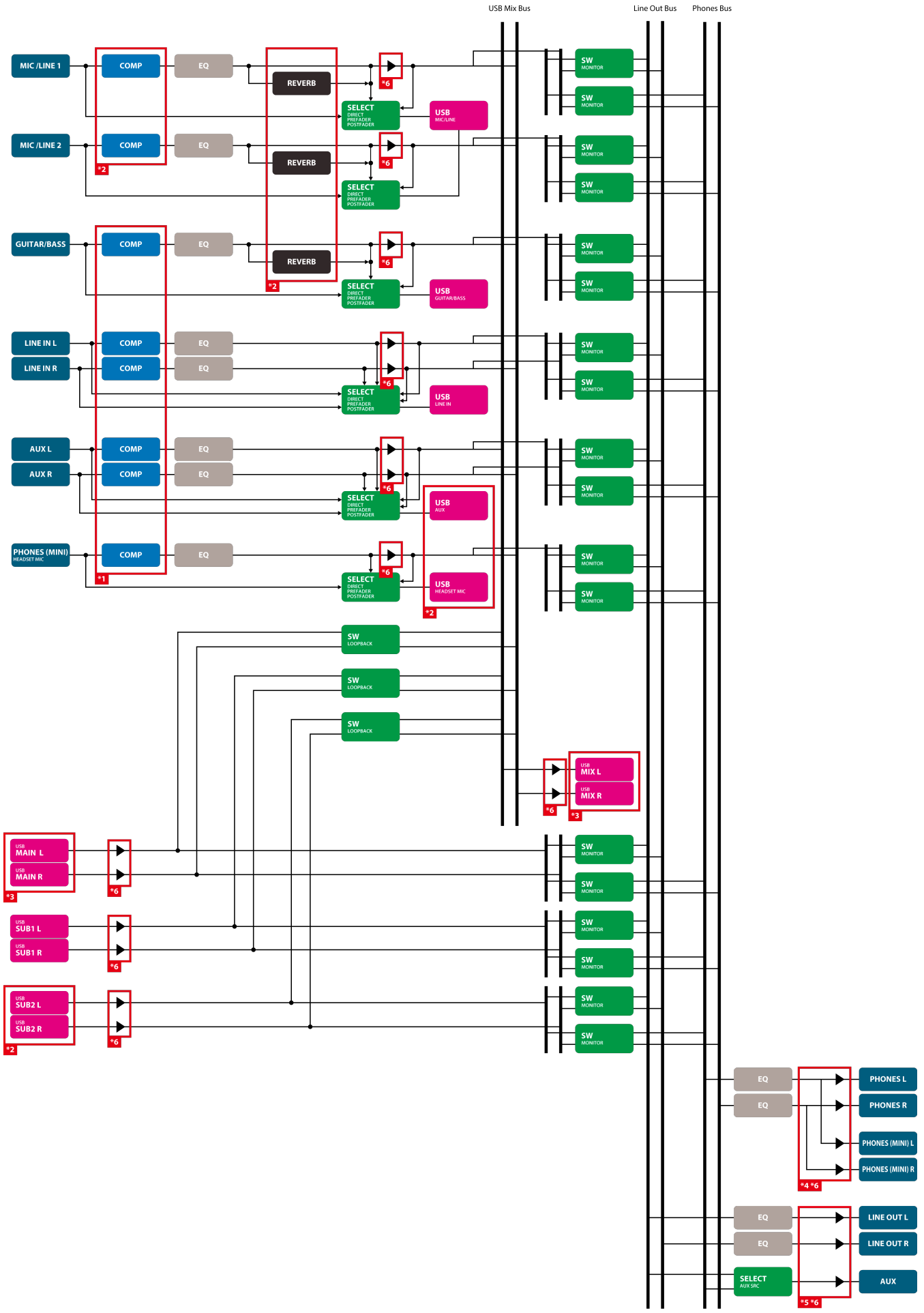
2 Make sure that all of the buttons and indicators are protruding and visible from the holes in the faceplate.

3 Use a commercially available hex wrench to firmly tighten the two screws on the right side of this unit, and then tighten the two screws on the left side.

NOTE

Tightening the screws too much may damage the panel or this unit. Be careful not to overtighten.

Block diagram



*1 : Cannot be used when the sample rate is 96 kHz or 192 kHz.

*2 : Cannot be used when the sample rate is 192 kHz.

*3 : When USB MODE is set to “2ch”, only this USB channel is enabled.

*4 : When SPLIT MINI is on, you can separately adjust the volume for the PHONES jack and for the PHONES (mini) jack.

*5 : When SPLIT AUX OUT is on, you can separately adjust the volume for the LINE OUT jacks and for the AUX jack (output).

*6 : “▶” indicates where you can use the knobs on this unit to adjust the volume.

Main specifications

Number of USB Audio Channels	Input: 12 channels Output: 6 channels * At 192 kHz sample rate: 8 input channels, 4 output channels
Sample Rate	44.1 kHz, 48 kHz, 96 kHz, 192 kHz
Signal Processing	AD/DA conversion: 24 bits Internal Processing: 32-bit Floating point
Connectors	MIC/LINE (1, 2) jacks: XLR type (Phantom power DC 48 V, 10 mA Max) GUITAR/BASS jack: 1/4-inch phone type (supports high impedance) LINE IN (L, R) jacks: 1/4-inch phone type AUX jack: Stereo miniature phone type (TRRS) PHONES jack: Stereo 1/4-inch phone type PHONES (MINI) jack: Stereo miniature phone type (CTIA, PLUG-IN power) LINE OUT (L, R) jacks: 1/4-inch phone type MIDI (IN, OUT) jacks: Stereo miniature phone type USB port: USB Type-C® (USB Audio Class 2.0/1.0, MIDI) POWER port: USB Type-C®
Effects	MIC/LINE: Equalizer, Compressor (*2), Reverb (*2) GUITAR/BASS: Equalizer, Compressor (*1,2), Reverb (*2) LINE IN: Equalizer, Compressor (*1, *2) AUX: Equalizer, Compressor (*1, *2) HEADSET MIC: Equalizer, Compressor (*1, *2) PHONES: Equalizer LINE OUT: Equalizer (*1) Operation at 96 kHz sample rate is not supported. (*2) Operation at 192 kHz sample rate is not supported.
Scene Memory	16
Input Level	MIC/LINE: -83.0– -8 dBu (Maximum: +4 dBu) GUITAR/BASS: -44– -4 dBu (Maximum: +17 dBu (PAD ON)) LINE IN: -4 dBu (Maximum: +8 dBu) HEADSET MIC: -22.5 dBu (Maximum: -10.5 dBu) AUX: -10 dBu (Maximum: +2 dBu)
Input Impedance	MIC/LINE: 5.6 kΩ (balanced) GUITAR/BASS: 1 MΩ LINE IN: 9.1 kΩ HEADSET MIC: 1.5 kΩ AUX: 9.1 kΩ
Output Level	LINE OUT: -4 dBu (Maximum: +8 dBu) AUX: -32 dBu (Maximum: -20 dBu) PHONES: -4 dBu (Maximum: +8 dBu) PHONES: 69 mW + 69 mW (32 Ω) PHONES: 18 mW + 18 mW mW (250 Ω)
Output Impedance	LINE OUT: 1.8 kΩ AUX: 940 Ω PHONES: 10 Ω
Display	Graphic color LCD 320 x 240 dots

Power	USB bus power USB PD compatible AC adaptor (commercially available)
Current Draw	5 V DC, 0.5–3 A 9 V DC, 3 A
Operating System	Microsoft Windows 11 Apple macOS 15 or later Apple iOS/iPadOS 18 or later (USB Type-C® port equipped model) * Although Roland has tested numerous configurations, and has determined that on average, a computer system similar to that described above will permit normal operation of the GO:MIXER STUDIO, Roland cannot guarantee that a given computer can be used satisfactorily with the GO:MIXER STUDIO based solely on the fact that it meets the above requirements. This is because there are too many other variables that may influence the processing environment, including differences in motherboard design and the particular combination of other devices involved.
Dimensions	110 (W) x 156 (D) x 65 (H) mm 4-3/8 (W) x 6-3/16 (D) x 2-9/16 (H) inches
Weight	440 g 1 lb
Accessories	Leaflet “Read Me First” USB Type-C® to USB Type-C® Cable (1.5 m, 5 feet)

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

GO:MIXER STUDIO
Owner's Manual
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Roland Corporation