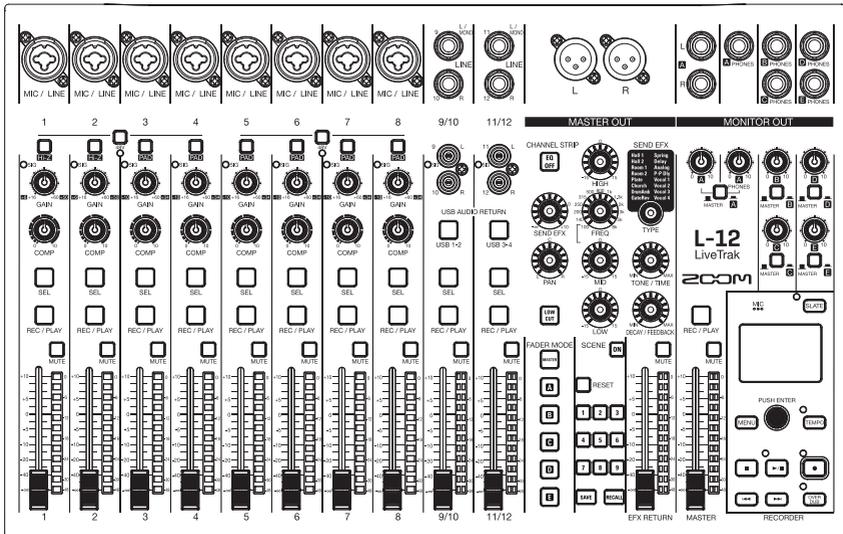


ZOOM®

L-12

LiveTrak



Quick Guide

The Operation Manual can be downloaded from the ZOOM website
(www.zoom.co.jp)

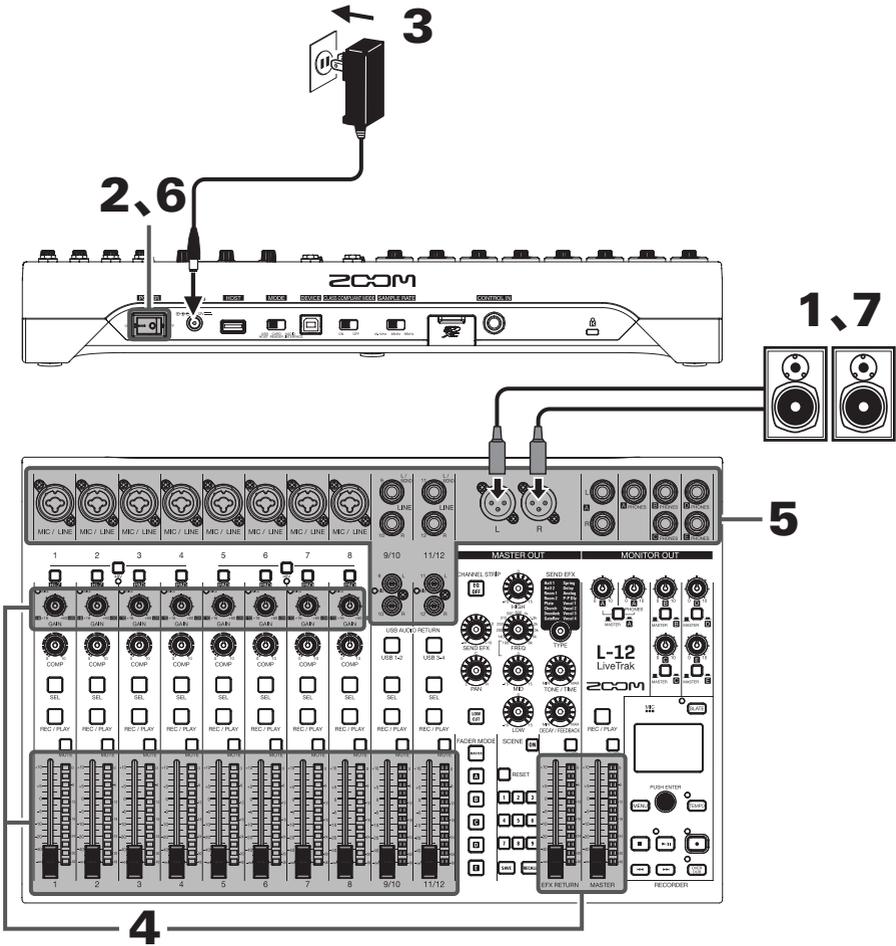
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Turning the unit on/off

Turning the unit on

Turning the unit on/off



1. Confirm that the output devices connected to the **L-12** are turned off.
2. Confirm that ON  OFF is set to OFF.
3. Plug the AD-19 adapter designed for this unit into an outlet.

4. Set all  knobs and faders to their minimum values.

5. Connect instruments, mics, speakers and other equipment.

HINT

See Operation Manual for connection examples.

6. Set ON  OFF to ON.

7. Turn on the output devices connected to the **L-12**.

NOTE

- When using a passive guitar or bass guitar, connect it to channel 1 or 2, and turn  on.
- When using a condenser mic, turn  on.
- The power will automatically turn off if the **L-12** is unused for 10 hours. If you want the power to stay on always, disable the automatic power saving function.

Turning the power off

1. Minimize the volume of devices connected to the **L-12**.

2. Turn off the power of output devices connected to the **L-12**.

3. Set ON  OFF to OFF.

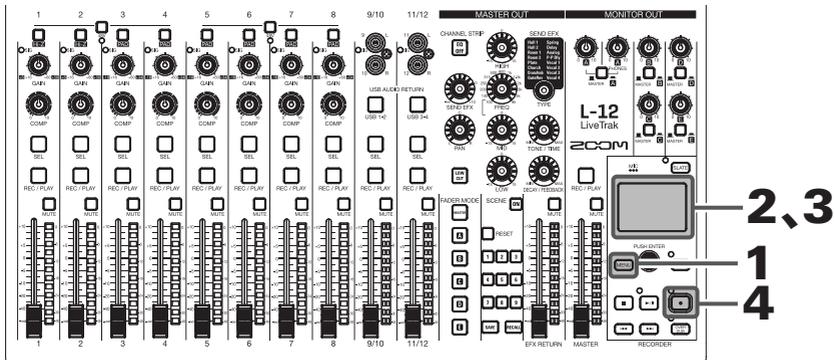
The following screens appear and the power turns off.



NOTE

When the power is turned off, the current mixer settings are saved in the project on the SD card. If they cannot be saved to the SD card, they will be saved in the unit.

Setting the date and time



1. Press .
This opens the display MENU screen.

2. Select **SYSTEM > DATE/TIME**.

Move cursor: Turn 

Confirm: Press 

3. Set the date and time.

Move cursor or change value: Turn 

Select item/confirm change: Press 

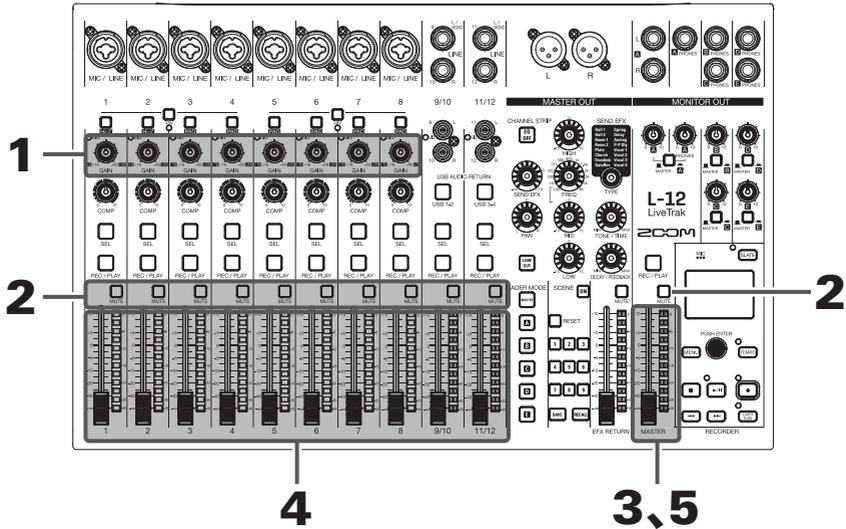


4. Press .

The first time you turn the power on after purchase, you must set the date/time.

Outputting input sounds from output devices

Outputting sound from speakers



1. Use  to adjust the input signals while inputting sound from instruments and mics.

NOTE

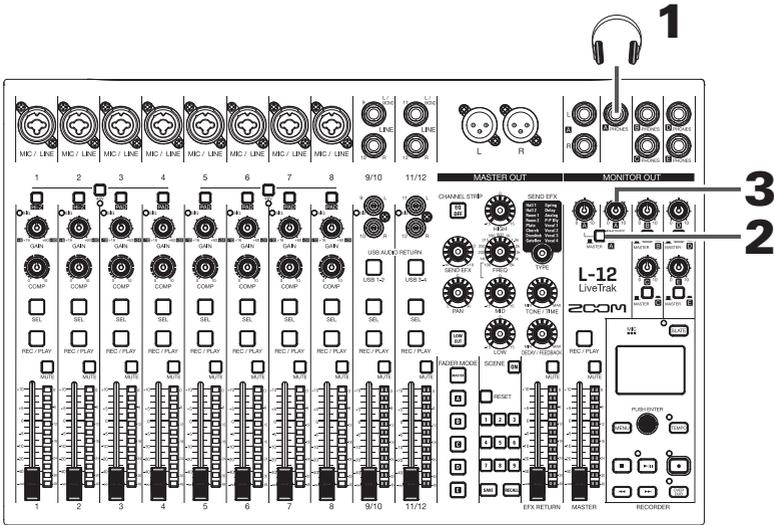
Set them so that SIG indicators do not light red.



2. Turn  off (unlit) for the MASTER and the channels with sound you want to output.
3. Set the MASTER fader to 0.
4. Use the channel faders to adjust the volumes.
5. Use the MASTER fader to adjust the overall volume.

Outputting input sounds from output devices

Outputting sound from headphones

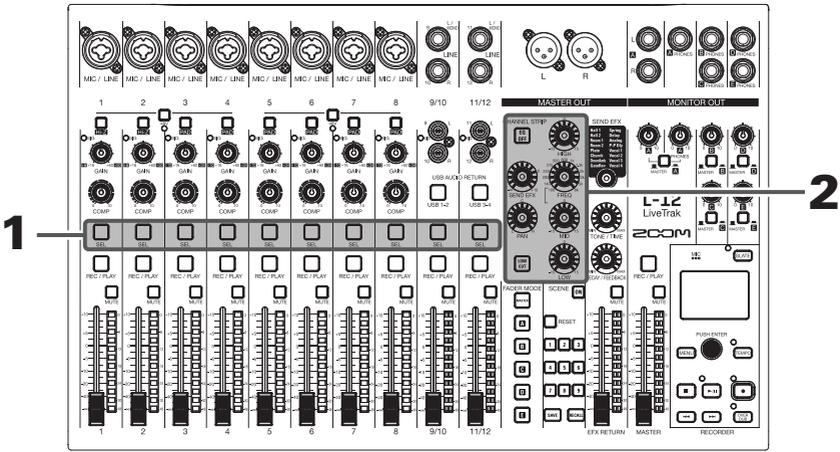


1. Connect headphones to the MONITOR OUT PHONES A jack.

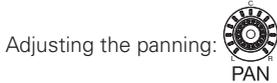
2. Set  to MASTER ().

3. Use  to adjust the volume.

Adjusting the tone and panning



1. Press  to light it for the channel for which you want to adjust tone and panning.
2. Use the knobs and buttons to adjust the tone and panning.



NOTE

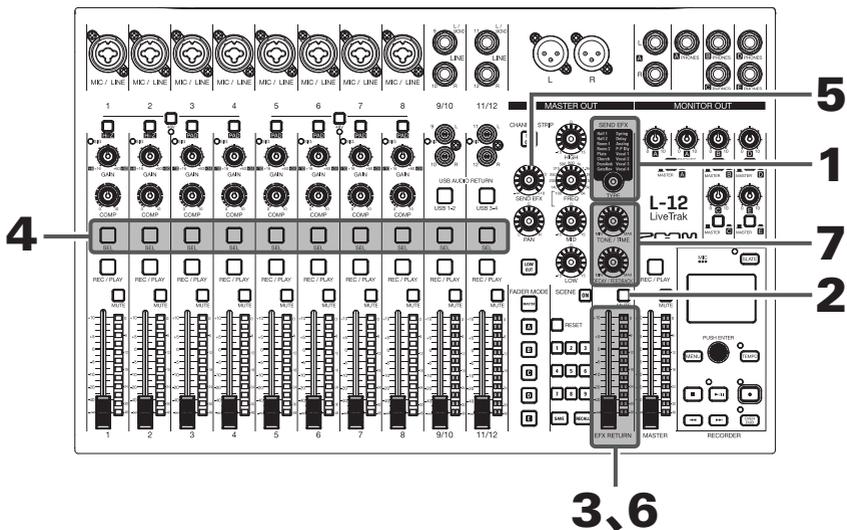
Press  to light it, turning off all equalization at once. This will bypass HIGH, MID, LOW and LOW CUT settings.

HINT

See the Operation Manual for details about how to use the compressor and the knobs and buttons.

Using the built-in effects

The **L-12** has 16 types of send effects



1. Turn  to select the effect type, and press  to confirm.

SEND EFX

Hall 1	Spring
Hall 2	Delay
Room 1	Analog
Room 2	P-P Dly
Plate	Vocal 1
Church	Vocal 2
DrumAmb	Vocal 3
GateRev	Vocal 4



TYPE

— Lit: Effect selected

2. Press  to turn it off, unmuting the EFX RETURN.
3. Set the SEND EFX RETURN fader to 0.
4. Press the  for the channel that you want to use the effect on to light it.
5. Use  to adjust the amount for each channel.

6. Use the SEND EFX RETURN fader to adjust the overall effect amount.

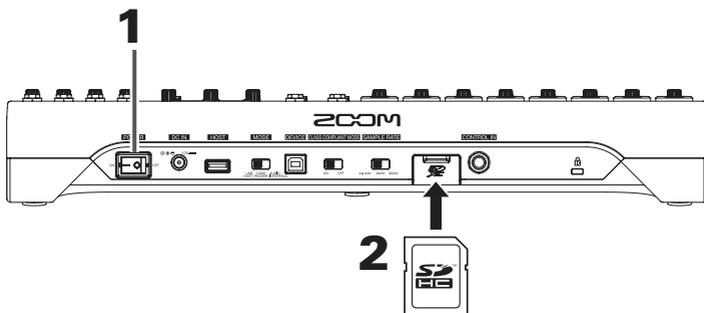
7. Use  and  to adjust the send effect parameters.

NOTE

See Operation Manual for the parameters of each effect that can be adjusted by  and .

Preparing to record

Inserting SD cards



1. Set ON  OFF to OFF.
2. Open the SD card slot cover, and insert an SD card all the way into the slot.

To remove an SD card, push it further into the slot and then pull it out.

NOTE

- Disable write-protection on the SD card before inserting it.
- Always set ON  OFF to OFF before inserting or removing an SD card.
Inserting or removing a card while the power is on could result in data loss.
- When inserting an SD card, be sure to insert the correct end with the top side up as shown.
- If an SD card is not loaded, recording and playback are not possible.
- To format an SD card, see Operation Manual.

Creating new projects

The **L-12** manages recording and playback data in units called projects.

1. Press **MENU**.
This opens the display MENU screen.
2. Select **PROJECT > NEW PROJECT**.
Move cursor: Turn 
Confirm: Press 
3. Use  to select YES, and press .



NOTE
When a new project is created, it will start with the current mixer settings.

HINT
When the **L-12** power is turned on, it will automatically load the last used project.

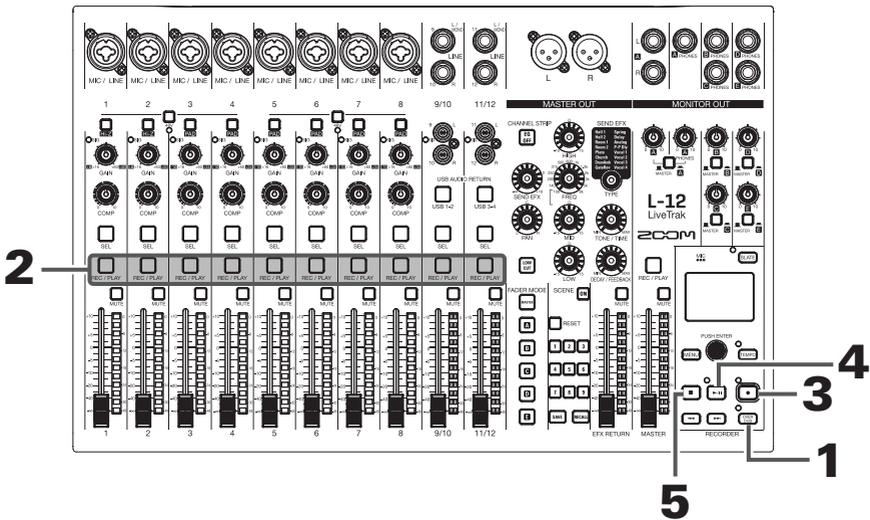
Preparing to record

Recording and playing tracks

The **L-12** has recorder functions that enable simultaneous recording of up to 14 tracks and simultaneous playback of up to 12 tracks.

The signals from every channel after they pass through their compressors and from the master fader output can be recorded. These recordings can also be played back.

Recording



- 1.** Use **OVER DUB** to turn overdubbing on or off.

— OVER DUB indicator
 Lit (on): Overwrite current project
 Unlit (off): Create and record to new project

- 2.** Press for the channels you want to record, lighting these buttons red.
 REC / PLAY

- 3.** Press to start recording standby.

HINT

If a recorded file already exists, and **OVER DUB** is off, pressing will create a new project and then start recording standby.

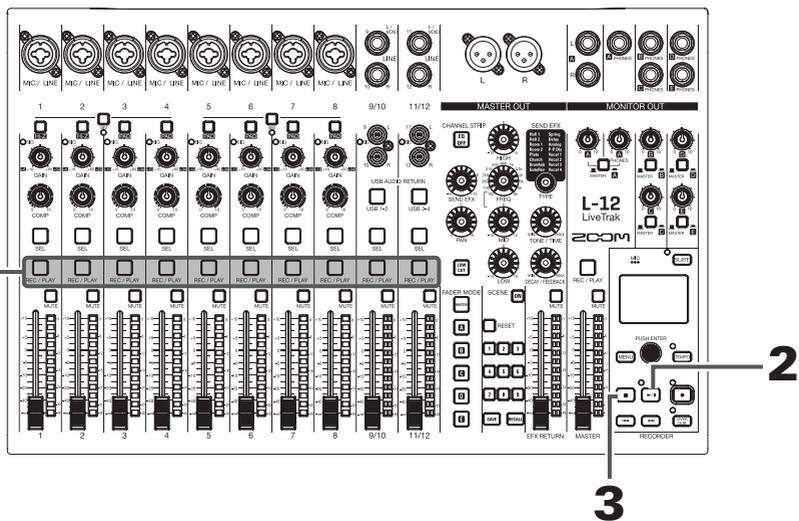
4. Press  to start recording.

5. Press  to stop recording.

NOTE

- The signals for each channel are recorded after passing through their compressors.
- See the Operation Manual for information about punching in/out, automatic recording and pre-recording.
- When recording stops, "Please Wait" appears on the display. Do not turn the power off or remove the SD card while this message appears. Doing so could cause data loss or malfunction.

Playing recordings



- 1.** Press for the channels you want to play, lighting these buttons green.
REC / PLAY
- 2.** Press to start playback.

— PLAY/PAUSE indicator

Lit: Playing back
Blinking: Paused
- 3.** Press to stop playback.

NOTE

- Playback signals are added before the equalizer section, so their EQ and panning settings can be adjusted during playback.
- See the Operation Manual for information about changing playback modes and selecting the playback project.
- Other channels cannot be played back when the MASTER channel is playing back.

Specifications

Number of input and output channels	Inputs	Mono (MIC/LINE)	8	
		Stereo (LINE)	2	
	Outputs	MASTER OUT	1	
		MONITOR OUT	5	
Inputs	Mono (MIC/LINE)	Type	XLR/TRS combo jacks (XLR: 2 HOT, TRS: TIP HOT)	
		Input gain	PAD OFF: +16 – +60 dB PAD ON: –10 – +34 dB Hi-Z ON: +6 – +50 dB	
		Input impedance	XLR: 3 k Ω TRS: 10 k Ω /1 M Ω (when Hi-Z ON)	
		Maximum input level	PAD OFF: 0 dBu (at 0 dBFS) PAD ON: +26 dBu (at 0 dBFS)	
		Phantom power	+48 V	
	Stereo (LINE)	Type	TS phone/RCA pin (unbalanced) jacks	
		Maximum input level	+10 dBu	
		Outputs	MASTER OUT	Type XLR jacks (balanced)
				Maximum output level +14.5 dBu
				Output impedance 100 Ω
MONITOR OUT A (TRS)	Type	TRS phone jacks (balanced)		
	Maximum output level	+14.5 dBu		
	Output impedance	100 Ω		
MONITOR OUT A-E (PHONES)	Type	Standard stereo phone jacks		
	Maximum output level	42 mW + 42 mW at 60 Ω		
	Output impedance	100 Ω		
Buses	MASTER	1		
	MONITOR	5		
	SEND EFX	1		
Channel strip	COMP			
	LOW CUT	75 Hz, 12 dB/OCT		
	EQ	HIGH: 10 kHz, \pm 15 dB, shelving MID: 100 Hz–8 kHz, \pm 15 dB, peaking LOW: 100 Hz, \pm 15 dB, shelving		
Level meters		12 segments		
Send effects		16 types		
Recorder	Maximum simultaneous recording tracks	14 at 44.1/48 kHz 12 at 96 kHz		
	Maximum simultaneous playback tracks	12		
	Recording format	WAV 44.1/48/96 kHz, 16/24-bit, mono/stereo WAV format		
	Recording media	16 MB–2 GB SD cards, 4 GB–32 GB SDHC cards, 64 GB–512 GB SDXC cards		
Audio interface	44.1/48 kHz	Recording: 14 channels Playback: 4 channels		
	Bit depth	24-bit		
	Interface	USB 2.0		
Card reader	Class	Mass storage USB 2.0 High Speed		
USB HOST	Class	USB 2.0 High Speed		
Sampling rate		44.1/48/96 kHz		
Frequency characteristics		Frequency characteristics (44.1 kHz): -1.0 dB: 20 Hz – 20 kHz Frequency characteristics (96 kHz): -3.0 dB: 20 Hz – 40 kHz		
Equivalent input noise		Actual measurements: -128 dB EIN (IHF-A) with +60 dB/150 Ω input		
Display		LCD with backlight (128x64 resolution)		
Power supply		AD-19 AC adapter (DC12 V/2 A)		
Power consumption		17 W maximum		
External dimensions		445 mm (W)x282 mm (D)x70.5 mm (H)		
Weight (main unit only)		2.53 kg		



ZOOM CORPORATION

4-4-3 Kandasurugadai, Chiyoda-ku, Tokyo 101-0062 Japan
<http://www.zoom.co.jp>