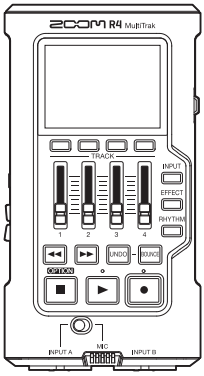
R4

MultiTrak



Quick Tour

An Operation Manual with more detailed explanations and other documents related to this product can be viewed on the following website.

www.zoom.jp/docs/r4

You must read the Usage and Safety Precautions before use.

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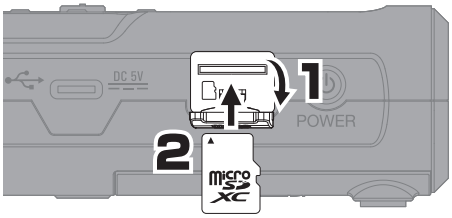
You might need this manual in the future. Always keep it in a place where you can access it easily.
The contents of this manual and the specifications of the product could be changed without notice.

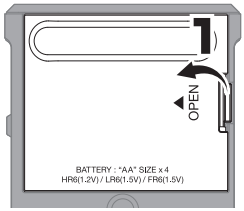
Inserting microSD cards

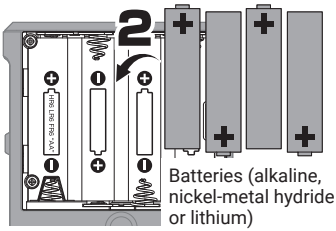


- Always turn the power off before inserting or removing a microSD card.
- To remove a microSD card, push it further into the slot and then pull it out.

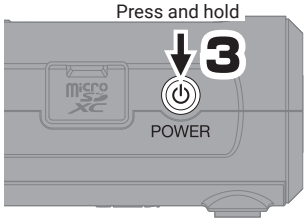
Supported recording media:
microSDHC: 4 GB – 32 GB
microSDXC: 64 GB – 1 TB

Turning the power on



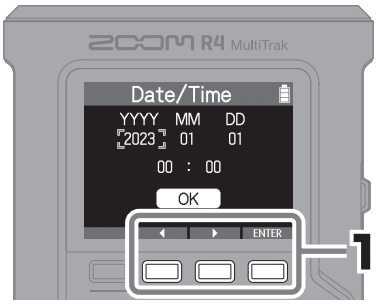


Batteries (alkaline, nickel-metal hydride or lithium)

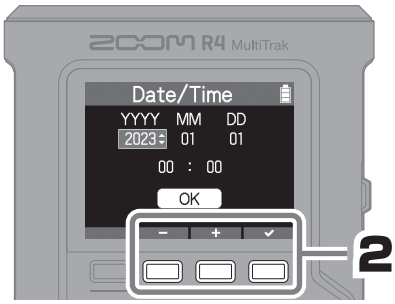


Making settings when first turned on

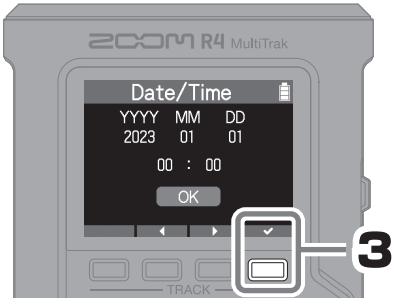
Setting the date and time



Use ◀ / ▶ to select a setting item, and press ENTER to confirm.

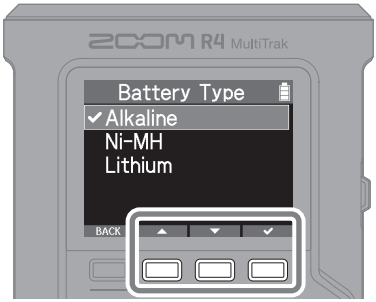


Use – / + to change the date/time, and press ✓ to confirm.

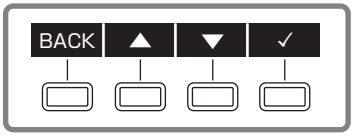


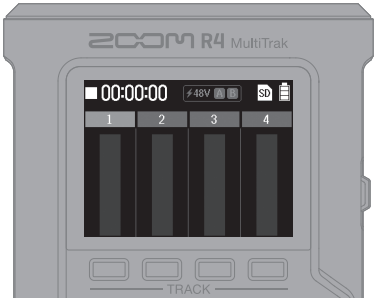
After setting all the items, select "OK" and press ✓ to complete setting the date and time.

Setting the battery type



Throughout these instructions use ▭ buttons according to the screen to select and confirm (execute).



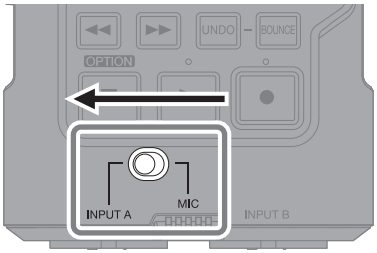


Home Screen

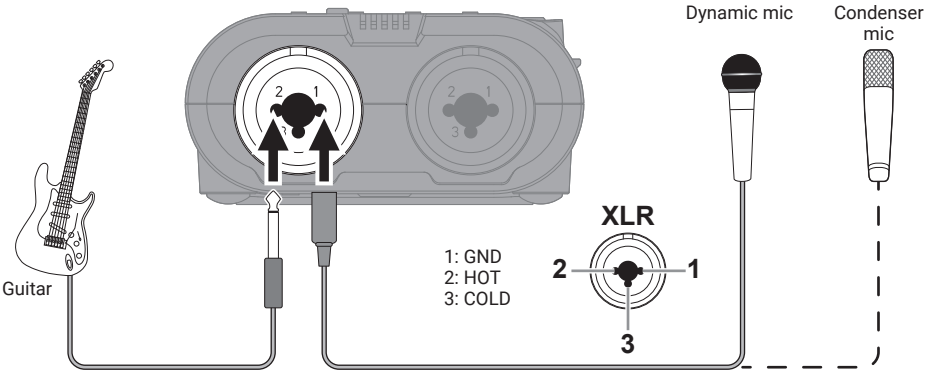
After setting is complete, the Home Screen will open.

Recording

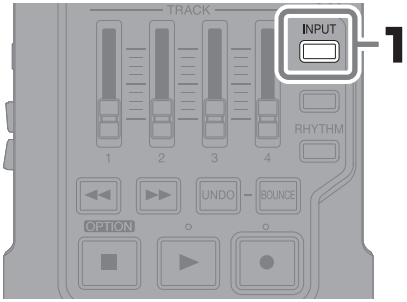
Connecting guitars and mics

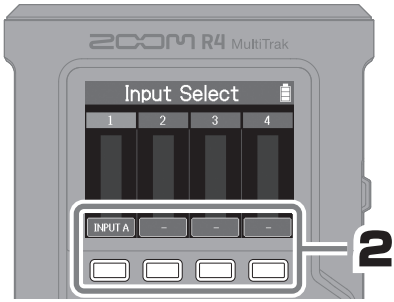


To use the built-in mic for recording, set the switch to .



Selecting tracks for recording





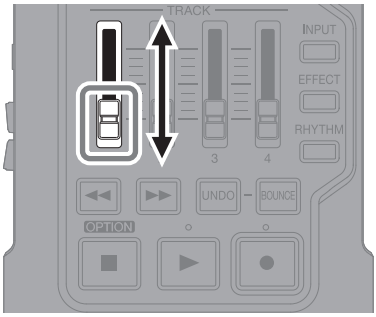
Press ▭ to cycle through the input sources that can be assigned to the track.
Press INPUT ▭ to return to the Home Screen.

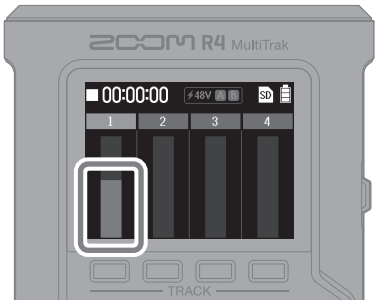
Input source	Explanation
-	Use when nothing is connected (when not recording)
INPUT A	Use when connecting guitars or dynamic mics
INPUT A ϟ	Use when connecting condenser mics
INPUT B	Use when connecting guitars or dynamic mics
INPUT B ϟ	Use when connecting condenser mics
MIC	Use for the built-in mic

- Phantom power will be supplied if INPUT A ϟ or INPUT B ϟ is selected.
- Do not supply phantom power to devices that are not compatible with it. Doing so could damage the device.

Adjusting the volume

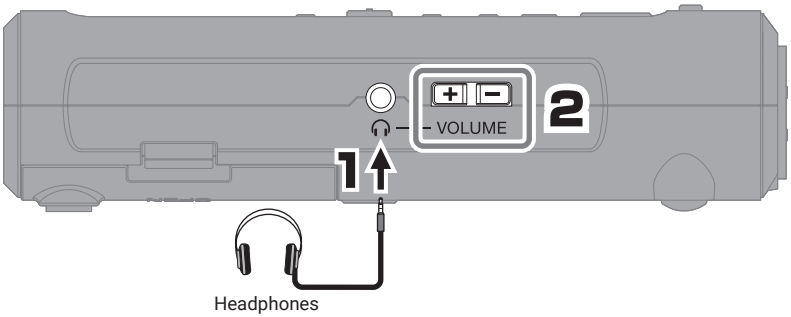
■ Use the faders to adjust track levels





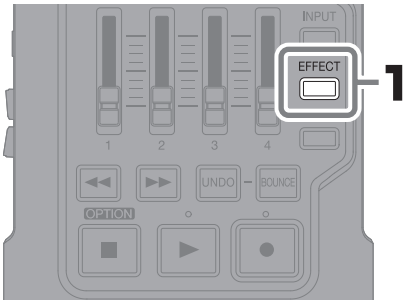
Confirm that the level meter is moving.

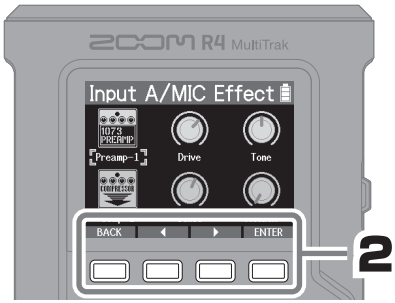
■ Connect headphones and adjust the volume



Setting effects

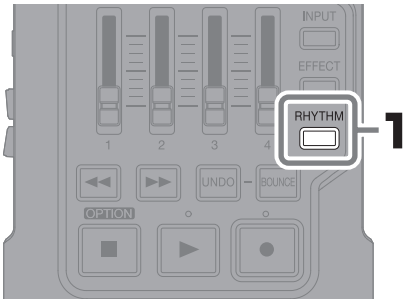
Effects can be applied to INPUT A or the built-in mic and recorded.

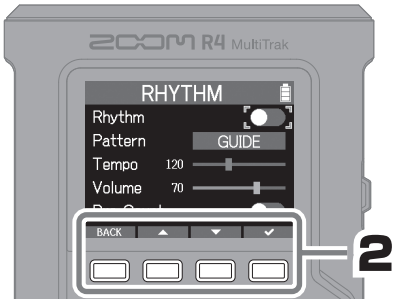




Press EFFECT to return to the Home Screen.

Setting the rhythm

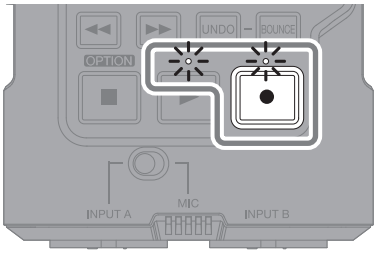




Press RHYTHM to return to the Home Screen.

Item	Explanation
Rhythm	This turns the rhythm on/off.
Pattern	This selects the rhythm type.
Tempo	This sets the tempo.
Volume	This adjusts the volume.
Pre Count	This turns the precount on/off.

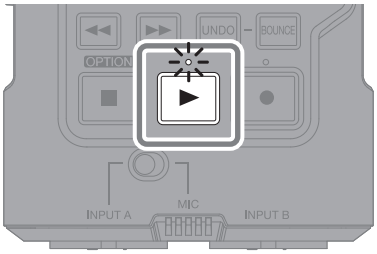
Recording



Operation button	Operation when recording	Operation when stopped
■	Stop recording	Move to beginning
●	Stop recording (Continue playback)	Resume recording

Use the same procedures to record additional tracks.

Playing recordings

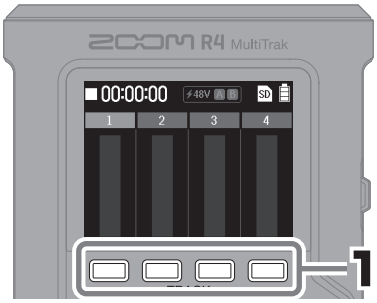


Operation button	Operation when playing	Operation when stopped
◀◀ / ▶▶	Press and hold to search backward/ forward	Move playback position forward/ backward
■	Stop playback	Move to beginning
▶	Stop playback	Resume playback

Adjusting the mix and bouncing

Adjusting the mix

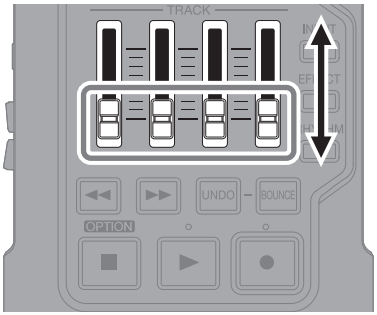
■ Adjust EQ and panning



Press INPUT to return to the Home Screen.

Item	Explanation
High	This boosts or cuts high frequencies.
Middle	This boosts or cuts mid-range frequencies.
Low	This boosts or cuts low frequencies.
Pan	This sets the left-right sound position.
Echo	This adjusts echoes.
Reverb	This adjusts reverberations and reflections.

■ Use faders to adjust track levels

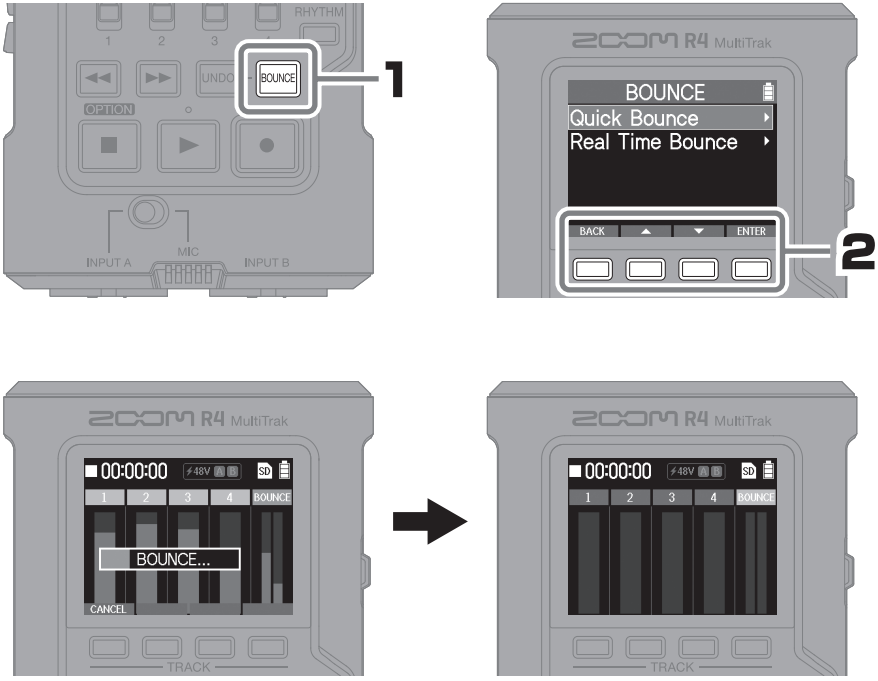


While listening to playback, use the faders to adjust the balance.

Bouncing tracks

Tracks 1–4 can be combined in a BOUNCE track. Quick Bounce and Real Time Bounce options are available.

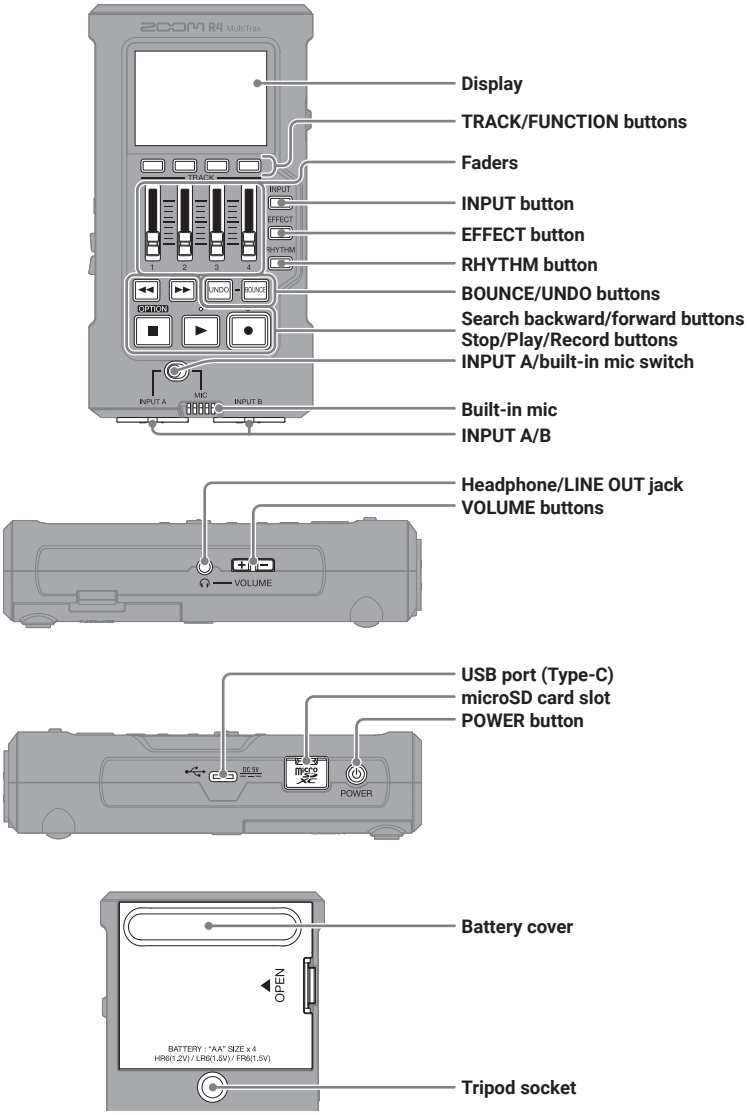
Item	Explanation
Quick Bounce	This can quickly combine tracks 1–4 in the BOUNCE track.
Real Time Bounce	This allows faders to be used to adjust levels while bouncing tracks 1–4 to the BOUNCE track.



Clearing tracks 1–4 makes additional recording possible.

- Press CANCEL to cancel when bouncing.
- During a Real Time Bounce, pressing ■, ▶ or ● will bounce the recording up to that moment to the BOUNCE track.
- To revert a bounce to the previous state (restore the original recordings to tracks 1–4), press UNDO.
  The UNDO function can only be used on the most recent bounce.

Names of parts



Other functions

USB audio interface	Connected to a computer, smartphone or tablet, this can be used as a 2-in/2-out audio interface.
USB file transfer	By connecting with a computer, data on the microSD card can be checked and copied.
Online help (2D code)	Detailed documents related to the product can be viewed by reading the 2D code with a smartphone.

Troubleshooting

Sound is not output or the volume is very low
→ Check the headphone connection.
→ Confirm that the headphone volume is not lowered.
→ Check the orientation of the mic or the volume settings of the connected equipment.

Monitored sound is distorted
→ Adjust the volume.

Built-in mic sound is distorted
→ Use the R4 farther away from the sound source.

INPUT A/B sound is distorted
→ Adjust the volumes of connected devices.

Recording is not possible
→ Confirm that the microSD card has open space.
→ Confirm that a microSD card is loaded properly in the card slot.

The recorded sound breaks up
→ Test the microSD card.
See the Operation Manual for details.
→ Use the R4 to format the microSD card.
→ We recommend using microSD cards that have been confirmed to operate with this recorder.
See the ZOOM website (zoomcorp.com) for information about microSD cards that have been confirmed to work with this unit.

Not recognized by computer when connected
→ Use a USB cable that supports data transfer.

Date and time are frequently reset
→ If power is not supplied by an AC adapter or batteries for a long time, date and time settings will be reset. If the Set Date/Time Screen appears during startup, set them again.

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Z2I-4982-01