ZOOM®

M3

MicTrak

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/m3

You must read the Usage and Safety Precautions before use.

Inserting microSD cards
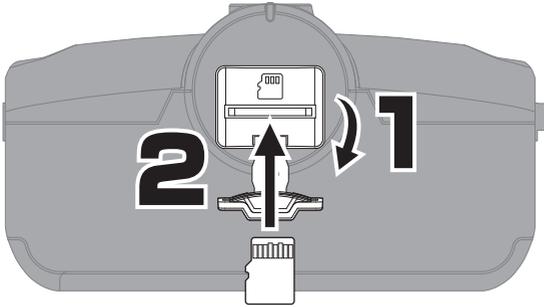
- Supported recording media:
microSDHC: 4 GB – 32 GB
microSDXC: 64 GB – 1 TB

- Estimated recording times
32 GB: 11 hours
256 GB: 88 hours

- 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.

Installing batteries
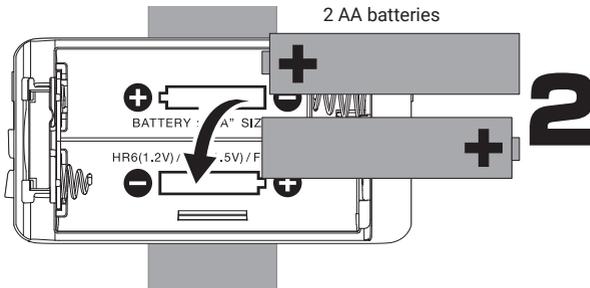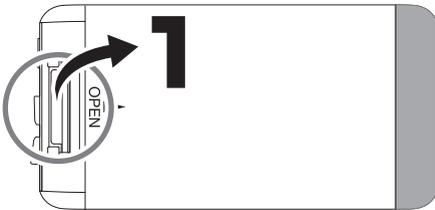
2 AA batteries

Use only one type of battery (alkaline, NiMH or lithium) at a time.

- Set the type of battery used correctly so that the amount of remaining battery charge can be shown accurately.
  The M3 Edit & Play app can be used to set the type of batteries used by the M3.
- Power can also be supplied through the USB (Type-C) port by connecting a commercially-available mobile battery
  or a dedicated AC adapter (AD-17).

Using the M3 Edit & Play app to make M3 settings

The M3 Edit & Play app can be used to make settings for the M3.

Date and time	This is used in the names and file data of recordings. If power is not supplied for a long time, the date and time settings stored in the mic will be reset. Set this before use.
Battery Type	Setting the type of batteries used allows the battery charge to be shown correctly.
Auto Power Off function	This function will turn the power off automatically if it is not used for the set amount of time.
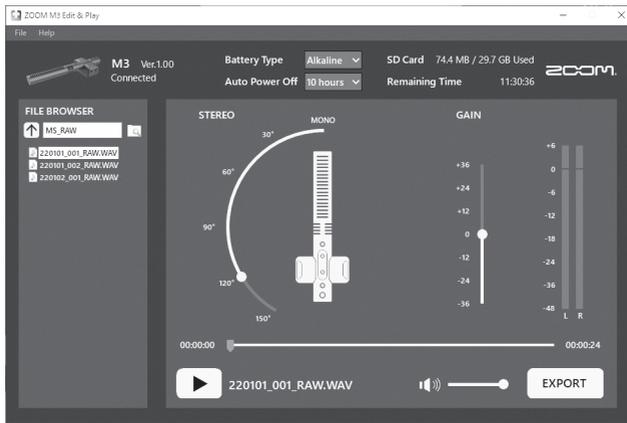
## Installing M3 Edit & Play

1 Download M3 Edit & Play from the product page on the ZOOM website (zoomcorp.com) to the computer.

2 Follow the installation guide to install M3 Edit & Play on the computer.

Connecting the M3 to M3 Edit & Play
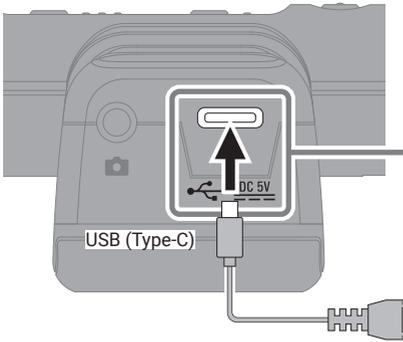
1 Connect the M3 with the computer.

Use a USB cable that supports data transfer.

USB (Type-C)

DC 5V

2 Turn the M3 on.

POWER
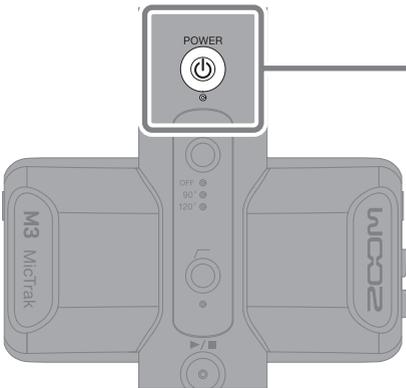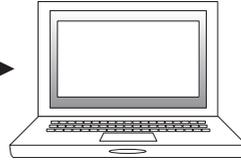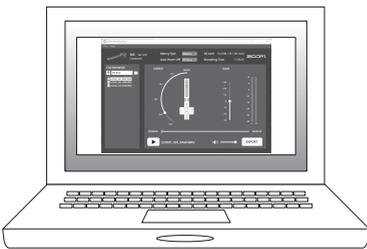
3 Launch M3 Edit & Play.

"Connected" will appear at the top left of the app screen.

M3 Ver.1.00
Connected

Setting the date and time

When connected to M3 Edit & Play, the date and time will be set automatically to be the same as on the computer.

Setting the battery type and automatic power off function
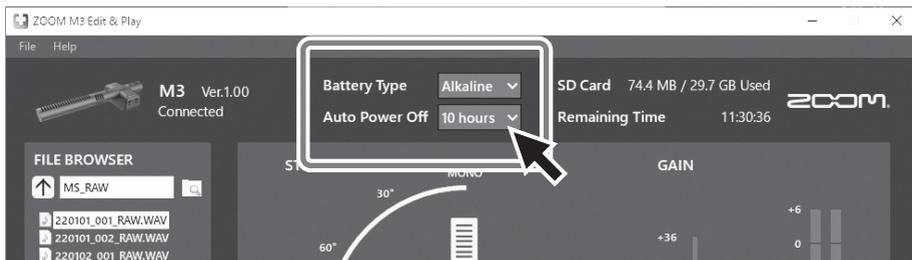
Battery Type	Select the type of batteries used in the M3. The options are Alkaline (dry cell), Ni-MH (rechargeable) and Lithium (dry cell).
Auto Power Off	This can be set to turn the M3 off automatically if not used for a certain amount of time. The options are 10 minutes, 60 minutes, 10 hours, and Off (Never). The factory default setting of the M3 for the Auto Power Off function is 10 hours.

Disconnecting the M3 from M3 Edit & Play


Disconnect the USB cable.

USB Type-C
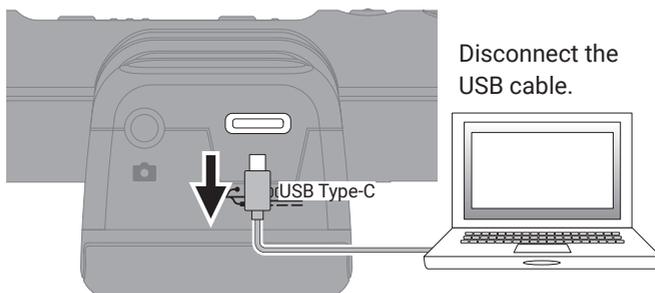
Other M3 Edit & Play functions

- Checking the open space and remaining recordable time of the SD card loaded in the M3
- Checking the M3 firmware version
- Playing WAV files that were recorded by an M3 and stored on the computer
- Adjusting the stereo width* and volume of WAV files that were recorded by an M3 as well as playing and exporting those files
  *With M/S RAW format files only
- Normalizing and converting to 24-bit linear WAV format

See the Operation Manual for procedures to use M3 Edit & Play.

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# Setting up the mic

Attaching the shock mount
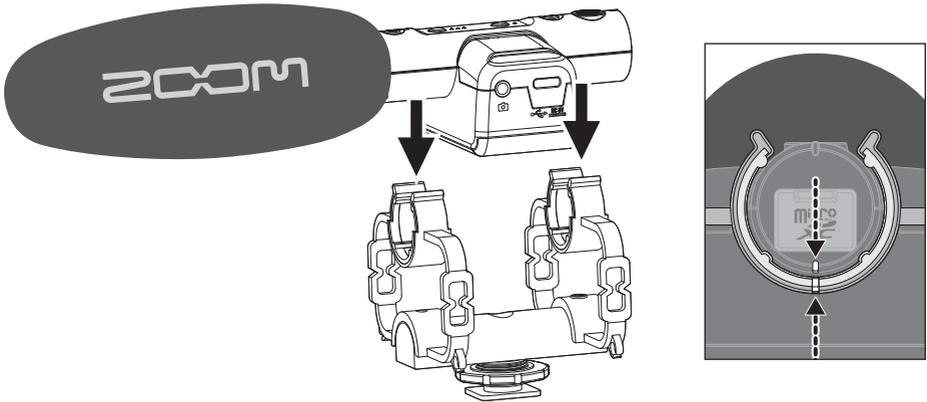
## Attaching to cameras, including single-lens reflex and mirrorless
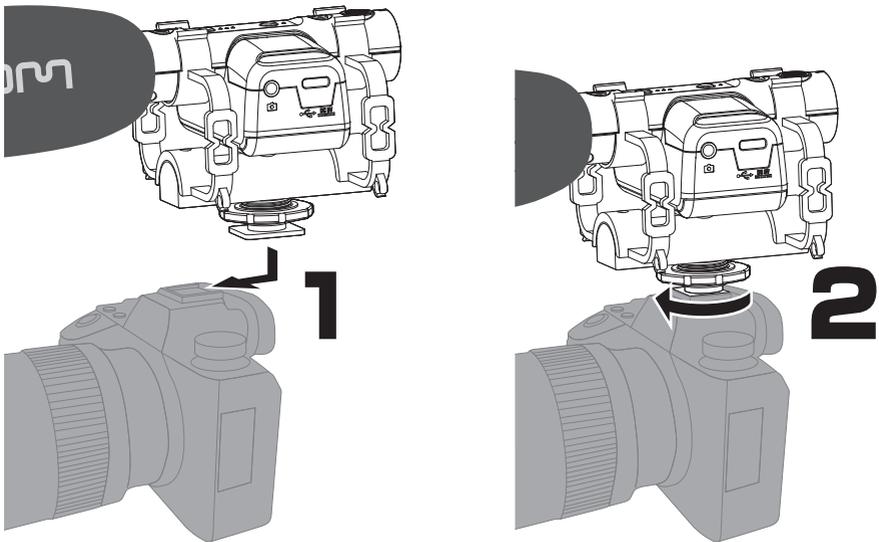
**Making synchronization with camera images easier when editing**
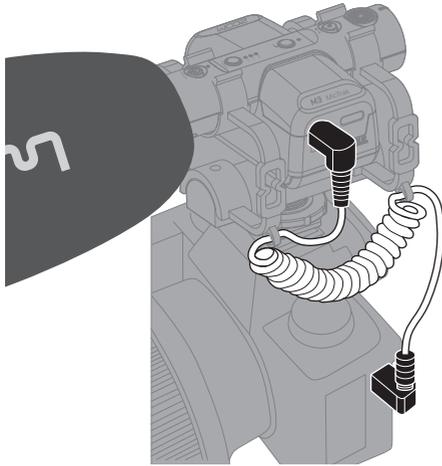
Use a cable to connect the 📷 (line out) jack on the M3 to the audio input jack on the camera. Then record the M3 sound with the camera too.

- To prevent vibrations from being transmitted through the connection cable to the M3, secure the cable to the shock mount.
- Adjust the recording level so that the audio does not distort on the camera. See the camera operation manual for details.

Recording Level

◄ 18 ►

-40 -20 -12 -6   0dB
CH1
CH2
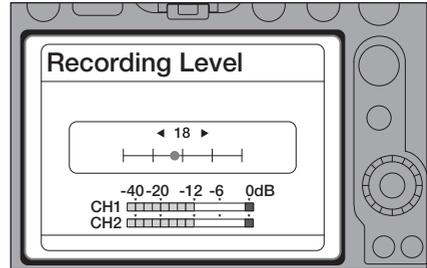
Checking the recording field

The M3 is a mic with focused directionality We recommend monitoring the sound with headphones to ensure accurate miking.
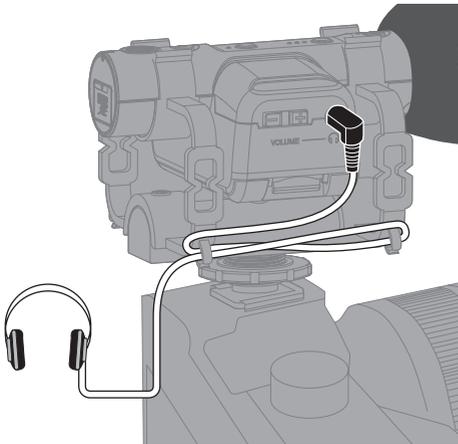
⊟ ⊞ can be used to change the headphone volume.
VOLUME

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Turning the power on

Always format microSD cards in order to maximize their performance after purchasing them new or using them with a different device.

Formatting the microSD card while starting up

Press and hold (power icon) while pressing (record button).

1

2

Press (play/stop button).
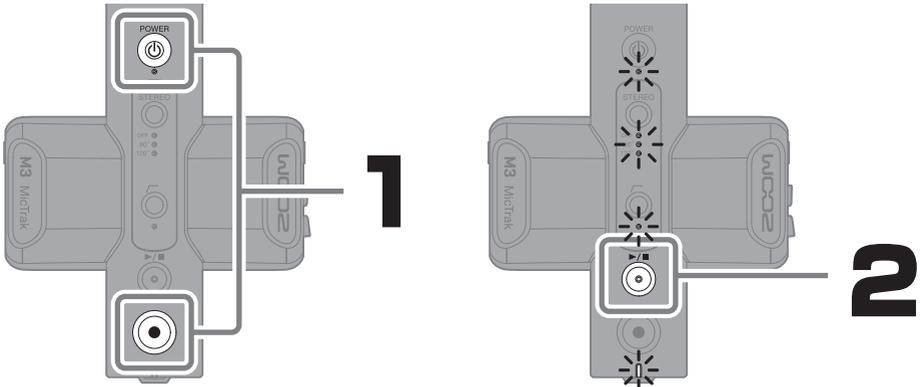
The POWER, STEREO and LO CUT indicators will light, and the REC/PLAY indicator will blink.

All the LEDs will blink, and the microSD card will be formatted.

> Pressing another button will start the unit without formatting.

All data previously saved on a microSD card will be deleted when it is formatted.

Starting up without formatting the microSD card

Press and hold (power icon).

Remaining battery charge indications

POWER indicator
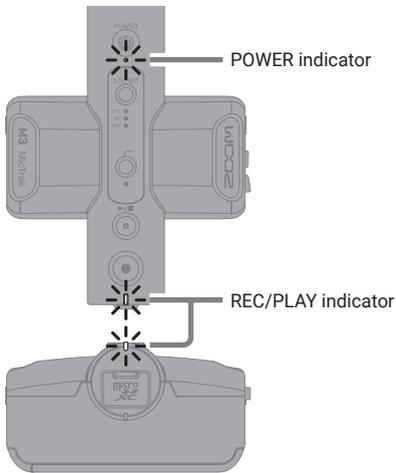
|	
Remaining battery charge sufficient	Lit green
Remaining battery charge low	Blinking orange (slowly)
Almost no battery charge	Blinking orange (quickly)

REC/PLAY indicator

Making M3 settings

Adjusting the recording level is not necessary because the M3 records in 32-bit Float WAV format with dual A/D converter circuits.

Setting the stereo width
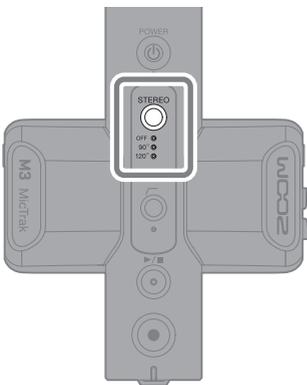
This changes the side mic volume and the stereo sense of the recorded audio.
The options are Off, 90° or 120°.

Using the low cut function
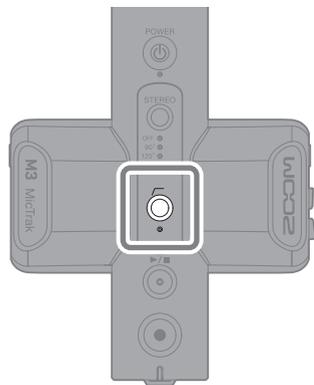
This reduces wind and other noise.

Recording

When recording with the M3, in addition to recording files that mix in side mic signals to capture stereo, RAW recording files that capture signals from the mid and side mics as is are also recorded on the microSD card.
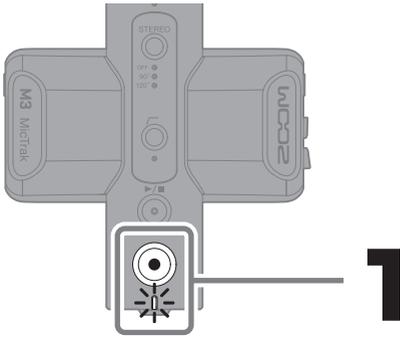

1 The REC/PLAY indicator will light red and recording will start.
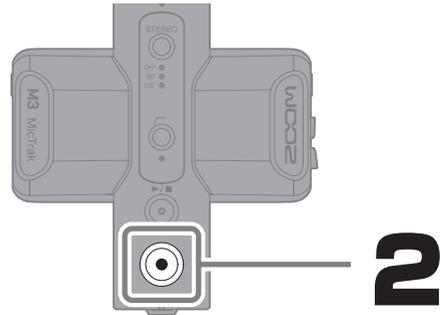
2 This ends recording.

Pressing and holding (●) to start recording will activate REC HOLD mode, which disables the use of other buttons. Press and hold (●) again to stop recording.

# Playing recordings
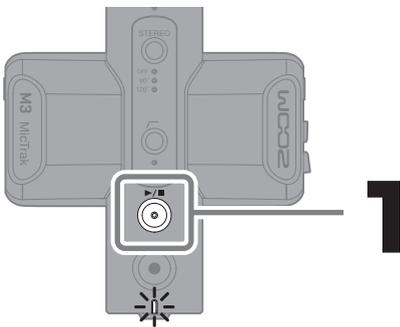
1 The REC/PLAY indicator will blink green, and the last recorded file will be played.
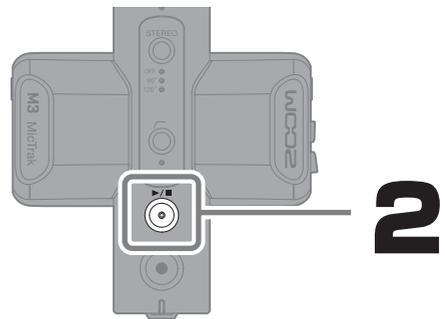
2 This stops playback.

Using the M3 Edit & Play app, the stereo width of RAW recording files can be adjusted precisely as they are played back and exported as stereo files.

Functions of parts

■ Top
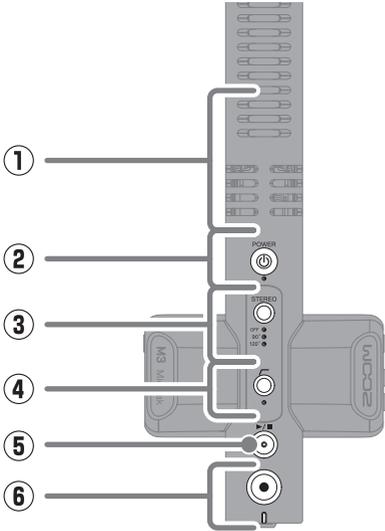
① **Built-in shotgun mic (mid-side format)**
This is a super-directional shotgun mic.
The inclusion of a side mic enables stereo recording.

② **POWER button/indicator**
This turns the power on/off.
This lights when the power is on.
Lit green: Remaining battery charge is sufficient or external power supply is connected
Blinking orange (slowly):
Remaining battery charge is low
Blinking orange (quickly):
Remaining battery charge is very low

③ **STEREO button/indicators**
This adjusts the stereo width. When set to OFF, the mic can be used as a mono shotgun mic.

④ **LOW CUT button/indicator**
Low frequencies can be cut to reduce the sound of wind and pop noises, for example.

⑤ **PLAY/STOP button**
Press this to start/pause playback of the most recently recorded file.

⑥ **REC button and REC/PLAY indicator**
Use this to start and stop recording.
The REC/PLAY indicator shows the operation status and remaining battery charge of the M3.
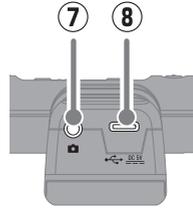
■ Left side   ■ Right side
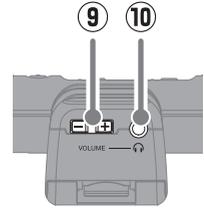
⑦ **LINE OUT jack**
This stereo mini jack can be used to output sound. Connect this to the external input of a single-lens reflex/mirrorless camera, for example.

⑧ **USB (Type-C) port**
This can be used to supply power from an external source, connect to a computer for use as an audio interface and make settings with the dedicated app. This supports operation on USB bus power.

⑨ **VOLUME (+/−) buttons**
Use these to adjust the headphone volume.

⑩ **Headphone output jack**
This can output sound to headphones.

■ Back
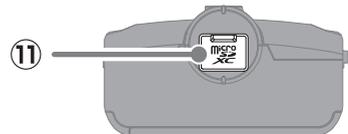
⑪ **microSD card slot**
Insert a microSD card here.

■ Bottom
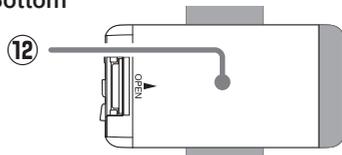
⑫ **Battery cover**
Open this when installing or removing AA batteries.

Other functions

USB Mic	The M3 can be used as a USB mic. When used as a USB mic, it functions with 48kHz/24-bit linear resolution.
USB file transfer	By connecting with a computer, data on the microSD card can be checked and copied.

Troubleshooting

There is no sound or output is very quiet
→ Check the mic orientation.
→ Check the connections.
→ Check the headphone volume.

Built-in mic sound is distorted
→ Move the M3 away from the sound source. Use a windscreen if air is blown at the mic.

Recording is not possible
→ Confirm that the microSD card has open space. The available recording time can be checked with M3 Edit & Play.
→ Confirm that a microSD card is loaded properly in the card slot.

Cannot stop recording
→ Pressing and holding (●) to start recording will activate REC HOLD mode, which disables the use of other buttons.
Press and hold (●) to stop recording.

The recorded sound breaks up
→ Use the M3 mic 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.

The unit will not power on
→ Check the power supply.

Computer does not recognize it even though it is connected to a USB port
→ Use a USB cable that supports data transfer.
→ Check the audio input/output device settings.

Z2I-4747-02