

# **Quick Guide**

You must read the Usage and Safety Precautions before use.



The Operation Manual can be downloaded from the ZOOM website (www.zoom.jp/docs/h6). This page has files in PDF and ePub formats.

The PDF file format is suitable for printing on paper and reading on a computer.

The ePub format can be read with electronic document readers and is designed for reading on smartphones and tablets.

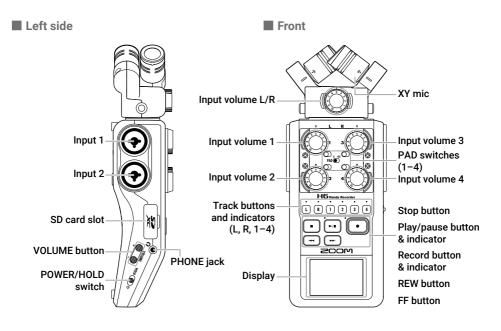
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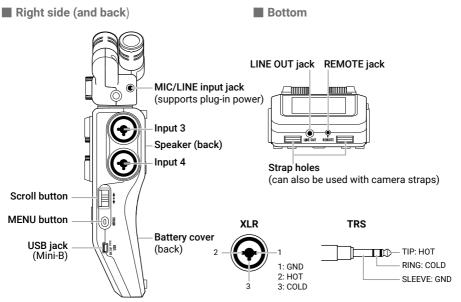
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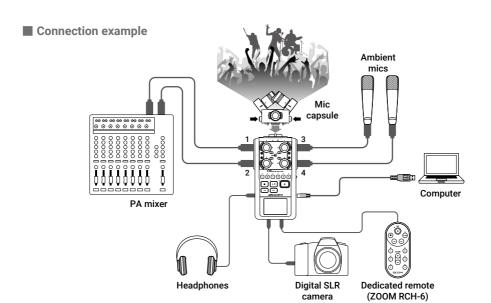
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The contents of this manual and the specifications of the product could be changed without notice.

## **Parts and Connections**



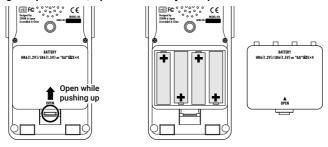




## **Preparations**

### **Using batteries**

1. After turning the power off, open the battery compartment cover and install batteries.



#### NOTE

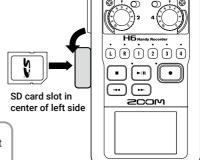
- · Use alkaline batteries or rechargeable NiMH batteries.
- Use MENU > SYSTEM > Battery to set the type of battery so that the amount of remaining battery charge can be shown accurately.

### HINT

AC power can also be used by connecting a dedicated AC adapter (ZOOM AD-17) to the USB port.

## **Loading SD cards**

 After turning the power off, open the SD card slot cover and insert an SD card.



### HINT

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

### NOTE

Before using SD cards that have just been purchased or that have been formatted on a computer, they must be formatted by the **H 5**. To format an SD card, use MENU > SD CARD > Format.

## Turning the power on and off

1. Slide HOLD ⊕ o right.

### HINT

- To turn the power off, slide HOLD ( until the ZOOM logo appears on the display.
- Sliding HOLD to the left (toward HOLD) will disable button operations.



- If "No SD Card!" appears on the display, confirm that an SD card is inserted properly.
- If "Card Protected!" appears on the display, the SD card write-protection is enabled. Slide the lock switch on the SD card to disable write-protection.
- If "Invalid Card!" appears on the display, the card is not formatted correctly. Format the card or use a different card

## Setting the language (first time starting up)

The first time you turn the power on after purchase, set the display language when the Language setting screen opens.

Use ↓ to select the language,
 and press → ↓.



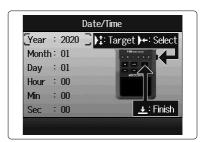
### HINT

The language setting can be changed later using MENU > LANGUAGE.

## Setting the date and time (first time starting up)

When the Date and Time setting screen opens after the Language settings screen, set the date and time.

- Use ↓ to select the item to change,
   and press → ↓ .
- 2. Use ↓ to change the value, and press → ↓ .
- 3. Press •

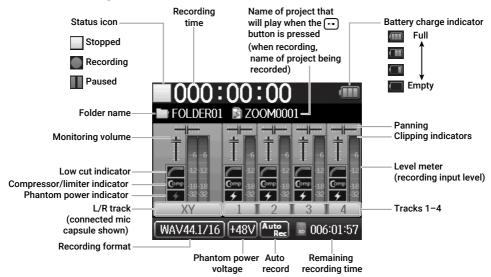


### HINT

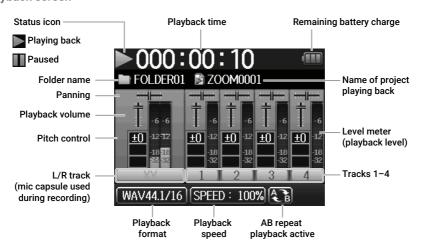
The date and time setting can be changed later using MENU > SYSTEM > Date/Time.

## **Display overview**

### **■** Home/Recording Screen

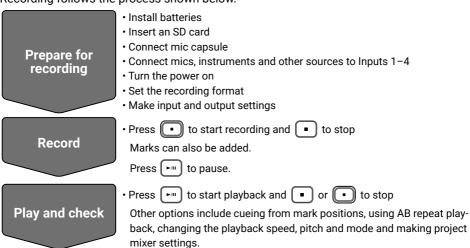


### ■ Playback screen



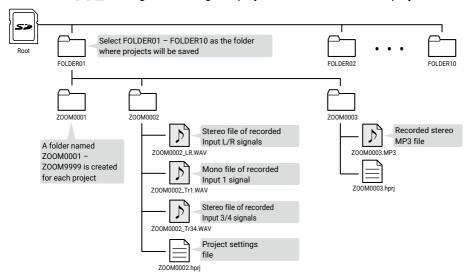
## **Recording process**

Recording follows the process shown below.



## H6 folder and file structure

When recording with the **H6**, folders and files are created on SD cards in the following manner. The **H6** manages recording and playback data in units called projects.



## **Recording format settings**

Consider audio quality and file size when selecting the format.

### 1. Select MENU > REC > Rec Format, and then select the setting.

Open the MENU screen, go back

Select up/down

→ Confirm the item or value to set



- · WAV format is better for recording when high audio quality is important.
- Since the MP3 format uses compression, the audio quality is reduced, but the file size is smaller. This is convenient when you want to save large amounts of recordings and use less space on the SD card, for example.
- When using MP3, one stereo MP3 file is created using the mix set with the monitoring mixer.

## Input and output settings

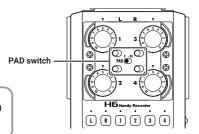
## **Setting input sources**

Set according to the devices connected to Inputs 1-4.

- Connecting a mixer or other device with a +4 dBu standard output level
- 1. Set the corresponding PAD switches to −20.



When connecting an ordinary mic, set the PAD switch to 0.



- Connecting condenser mics and other devices that require phantom power
- Select MENU > INPUT&OUTPUT > Phantom > ON/
   OFF, and select the input to receive phantom power.
  - Open/Close the MENU screen
  - Select up/down
  - Confirm the item or value to set
- 2. Use ↓ to select On and press → ‡:
- 3. Press | 0 | multiple times to return to the Home Screen.





### NOTE

- When connecting devices that are not compatible with phantom power, do not turn phantom power on. Doing so could damage the device.
- When connecting a dynamic mic, phantom power does not need to be supplied.

#### HINT

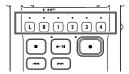
In addition to +48V, phantom power can also be set to +12V and +24V.

### **Enabling tracks**

Select which tracks to record (L, R and 1-4).

These tracks (L, R and 1-4) correspond to the same inputs.

 When the Home Screen is open, press the track keys for the tracks to record so that the corresponding LEDs light red.



### HINT

- Press track key 2 while pressing track key 1 to link these tracks as a stereo track. This will
  create stereo files on the SD card. Tracks 3 and 4 can be stereo-linked in the same way.
- · Stereo links can be disabled in the same manner.
- · The stereo link of the L/R tracks cannot be disabled.
- · When recording, files are created according to track settings in the following manner.

Track recorded	File name	Description
L/R tracks	ZOOMnnnn-LR	Stereo file
Mono track	ZOOMnnnn_Tr1 (for track 1)	Mono file
Stereo track	ZOOMnnnn_Tr34 (for tracks 3/4)	Stereo file

Note: "nnnn" in the file name is the project number

• All the files that are created during the same recording are managed as a single project unit by the **H6**.

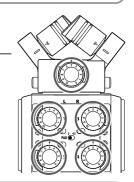
## Adjusting input levels (trim)

Adjust the input levels to record with high audio quality.





for the selected track to adjust the input level.



#### HINT

- Adjust so that the peak level stays around -12 dB on the level meter.
- Press to adjust the headphone volume.



### Adjusting the input signal monitoring mix

You can adjust the volume and panning of each input signal when monitoring.

### 1. Select MENU > INPUT&OUTPUT > Monitor Mixer in order.

Open/Close the MENU screen

Select up/down

→ Confirm the item or value to set



### 2. Adjust parameter settings.

Move cursor/change value

→ Select parameter to edit/confirm



Parameter	Setting range	Explanation
Level	Mute, -48.0 - +12.0 dB (in 0.5dB increments)	Adjusts the volume.
Pan	L100 - Center - R100	Adjusts the stereo balance of the sound.

### 3. Press 0 multiple times to return to the Home Screen.

- Press to turn the monitor mixer on/off.
- When WAV is selected as the recording file format, these volume and pan settings only
  affect the monitoring signals. They have no effect on recorded data.
- The set monitoring mix is saved with the project and is also enabled during playback. The mix can also be changed during playback.

## Recording

1. Press • when the Home Screen is open.

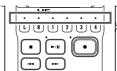
This starts recording.



### Operations during recording

Function	Control operation
Add a mark	Press →
Pause	Press 🕩
Stop	Press •

- · When recording is paused, a mark is added at that point.
- · A maximum of 99 marks can be added in one project.
- If the file size exceeds 2 GB during recording, a new file will be created automatically in the same project and recording will continue without pause. When this happens, numbers will be added to the ends of the file names: "-0001" for the first file, "-0002" for the second file and so on.
- Track indicators (LEDs) will blink and clip indicators will appear lit when loud sounds are input. Adjust the input level so that the clip indicators do not light.
- Clip indicators that lit during recording will turn off when recording stops.

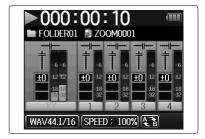




## **Playing recordings**

1. Press when the Home Screen is open.

This starts playback.



### ■ Playback operations

Function	Control operation
Select playback project/ move to mark	Press 🕶 🔛
Search forward/backward	Press and hold 🔛 🔫
Pause/resume playback	Press -/II
Adjust the volume	Press +/-
Add a mark	Press →

### HINT

- The longer you press and hold ——, the faster searching forward/backward becomes.
- During playback, press track buttons to switch between playing back (lit green) and muted (unlit).

# List of functions and settings

When the Home Screen is open, press 0 to open the MENU screen where the following functions and settings can be used.

Item		Explanation
PROJECT LIST	T	Select and play recorded projects, set the folder used to save recorded data, etc.
INPUT&	Lo Cut	Set to reduce the sound of air-conditioning, wind, vocal pops and other noise.
OUTPUT	Comp/Limiter	Set to raise low-level input signals and attenuate high-level input signals.
	MS-RAW Monitor	When recording in MS-RAW mode, set to monitor the mid mic input on the left channel and the side mic input on the right channel.
	Phantom	Use to set phantom power supply for Inputs 1–4.
	Plugin Power	Set the supply of plug-in power to the MIC/LINE input jack built into the XY mic capsule.
	Monitor Mixer	Adjust the volume and panning of each input signal when monitoring.
	VU Meter	Show the VU meters to check input levels.
	Line Out level	Lower the output level of the LINE OUT jack. Use when inputting the output signal from the LINE OUT jack to the mic input jack of a digital SLR camera, for example.
	MS Matrix	Set to convert signals from MS format stereo mic input through Inputs 1/2 or 3/4 to ordinary stereo signals.
REC	Rec Format	Set the recording file format.
	Auto Rec	Set to start and stop recording automatically in response to the input level.
	Pre Rec	Set pre-recording to capture audio before recording starts.
	Backup Rec	Set this to record the L/R track input signals at 12dB below the set input level as a separate file.
	Project Name	Set how projects are automatically named.
	Sound Marker	Set the output of tone signals from the output jacks when recording starts and stops.
PLAY		Set AB repeat playback, the project playback mode, etc.
PROJECT MENU	Information	Check a variety of information about the selected project.
	Voice Memo	Add voice memos to projects and play them back.
	Mark List	Show a list of the marks recorded in the project.
	Project Mixer	Adjust the volume and panning of each input signal when monitoring.
	Playback Speed	Set the playback speed to 50% – 150% (1/2× – 3/2×).
	Backup File	Set whether to play the recorded backup file instead of the regular file.
	Edit	Change project names, normalize recording volumes, and divide and trim files.
	Overdub	Add recordings to an already recorded project.
	Mixdown	Mix down a recorded project to a stereo file (WAV or MP3).
	Rebuild	Rebuild a project if necessary files are missing or broken.
	Trash	Delete unwanted projects.
TOOL		Use the tuner with input signals, and set the metronome as a guide during recording.
SYSTEM	Date/Time	Set the date and time.
	Backlight	Set backlight power saving and adjust display brightness.
	Battery	Set the type of battery so the remaining battery charge can be shown accurately.
	Software Version	View the firmware versions.
	Factory Reset	Restore the recorder to its factory default settings.
	. actory	
LANGUAGE	. uototy ttooot	Set the language shown on the display.
LANGUAGE SD CARD	r detery rideet	Set the language shown on the display.  Check open space on SD cards, and format and test them.

Note: See the Operation Manual for detailed information about each setting.



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