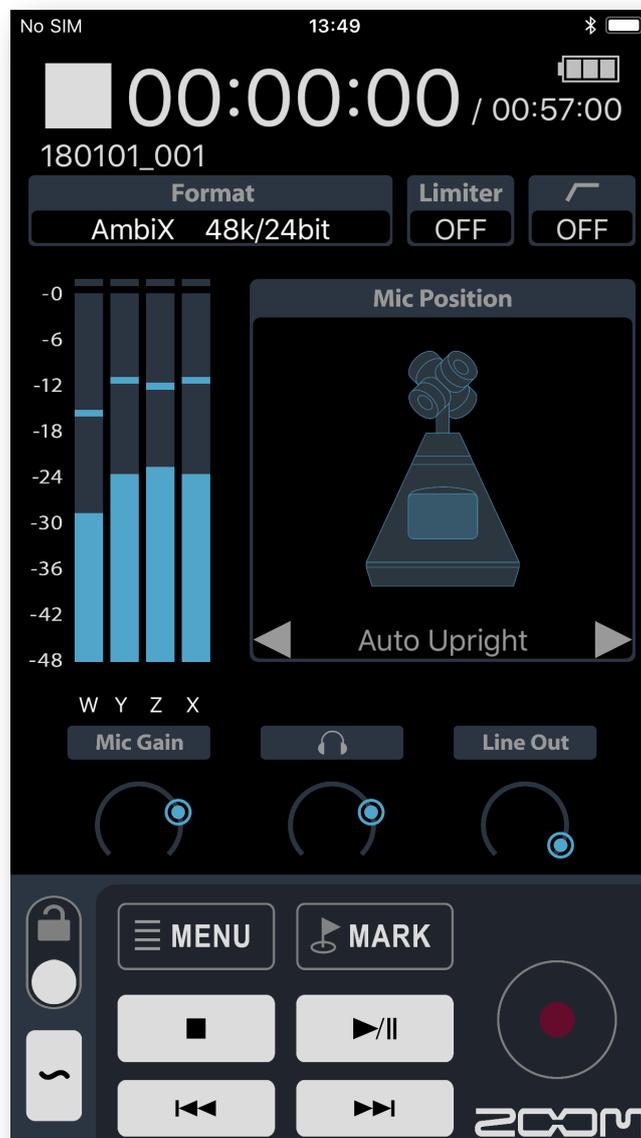


H3 Control

Version 1.0

Operation Manual



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Proper display is not possible on grayscale devices.

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Introduction

H3 Control is an app that enables wireless control of the ZOOM **H3-VR**. By installing H3 Control, you can use an iPhone, iPad or iPod touch (6th generation or later) as a remote control for an **H3-VR**. (A ZOOM BTA-1 or other dedicated wireless adapter is also necessary to operate an **H3-VR** with H3 Control.)

In addition to the fundamental operations of starting/stopping recording/playback and searching forward/backward, you can use this app to add marks and make various settings. You can also use it to check input levels and the remaining battery charge as well as to monitor the remaining recording time.

Moreover, with this app, you can directly input characters from the iOS device to change file names and to add notes and data used when recording, including the date and time.

This manual does not explain operation of the **H3-VR** itself. See the **H3-VR** Operation Manual for detailed information about all its functions.

Features

■ Verify important settings with a glance

With a quick look you can check important recording and playback settings, including the level of each track, the recording mode and format and whether the limiter and low-cut filter are on or off.

You can also monitor the remaining battery charge and remaining recording time.

■ Rename files and add notes (metadata)

Using the iOS device keyboard, you can input file names and notes. You can also input long phrases without stress.

■ Set the time

Use the iOS device time information to quickly set the time on the **H3-VR**. This allows you to set the time accurately with ease.

Copyrights

iPad, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

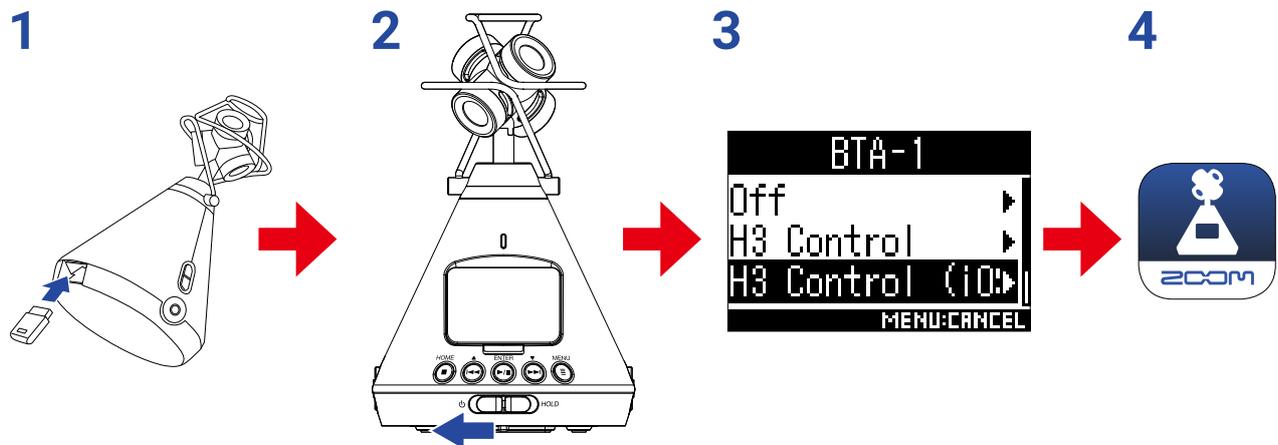
Note: All trademarks and registered trademarks in this document are for identification purposes only and are not intended to infringe on the copyrights of their respective owners.

Installing H3 Control

- 1. Open the App Store on the iOS device and search for "H3 Control".**
- 2. Tap "GET" on the H3 Control screen.**
This will install H3 Control on the device.



Connecting with the H3-VR



1. Remove the H3-VR REMOTE connector cover and connect a BTA-1 or other dedicated wireless adapter.

2. Start the H3-VR.

3. On the H3-VR, press  /  to select “H3 Control” or “H3 Control (iOS 13)” and press .

Select this according to the iOS version used by the iOS device.

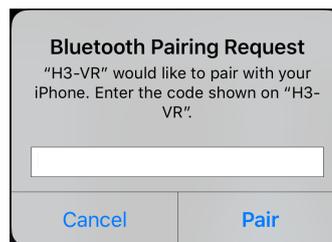
- iOS 10.3 – 12: H3 Control
- iOS/iPadOS 13 or later: H3 Control (iOS 13)

4. Tap the H3 Control app icon on the iOS device.

When connecting completes, “Connected” will appear on the H3-VR display.

HINT

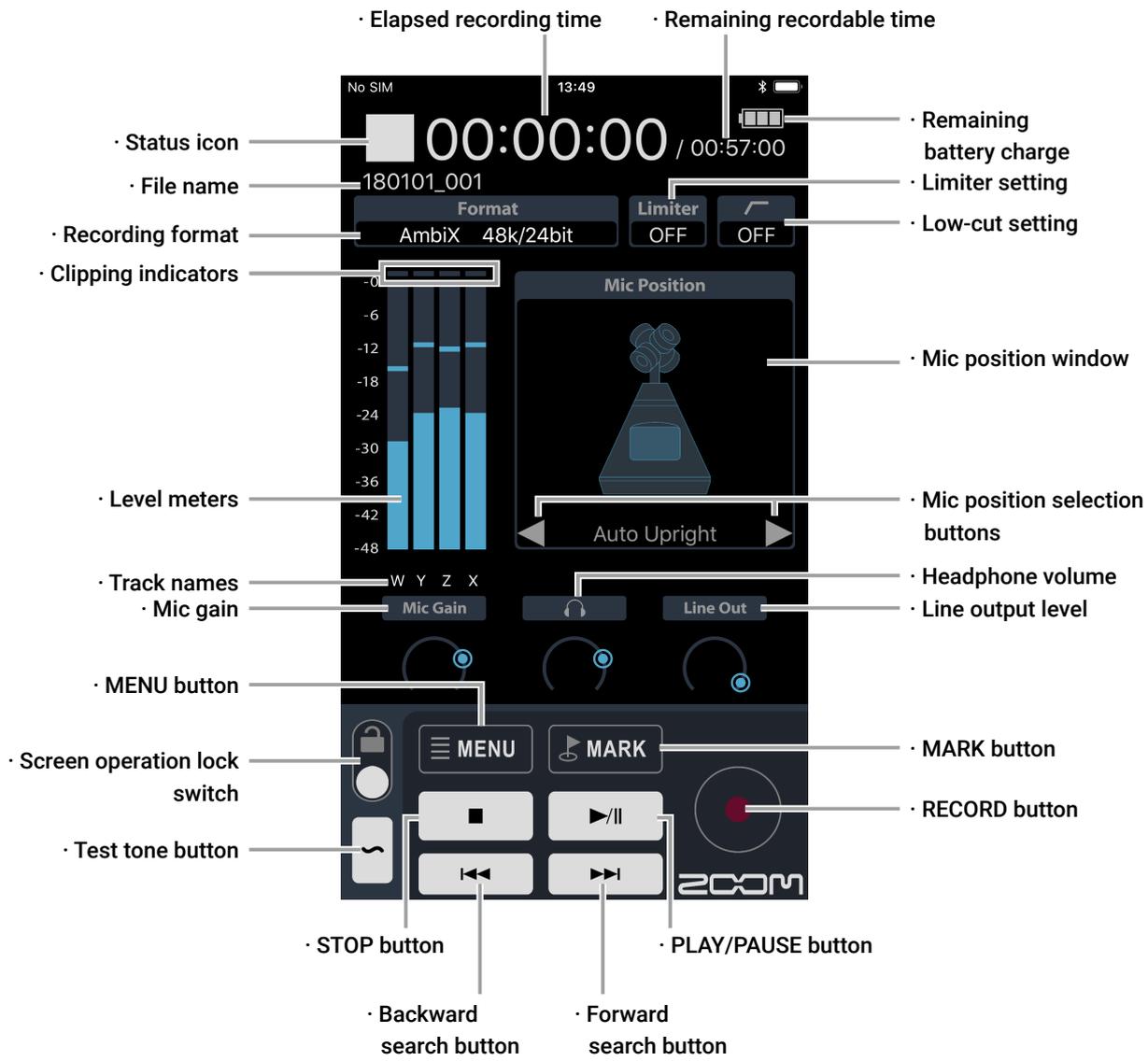
- If a request for pairing appears from H3 Control, input the password shown on the H3-VR.



- If connection is not successful, move the iOS device closer to the recorder or move both to a place where nothing interferes with radio waves and start H3 Control again. Confirm also that the Bluetooth function of the iOS device can be used. If connection is still not possible, follow the instructions in the iOS device operation manual to unregister the H3-VR as a Bluetooth device on it. Then, repeat the procedures from the beginning.

Recording

Home/Recording Screen



Screen operation lock switch setting

Setting	Description
	All screen settings are available.
	All operations are disabled except the screen operation lock switch.

Setting the mic position

Set the mic position used for recording.



1. Tap ◀ and ▶ on the Home Screen.

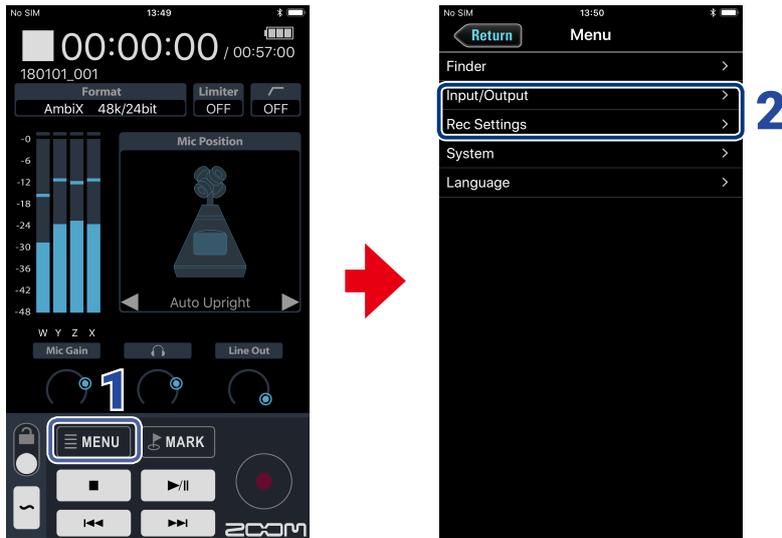
This changes the mic position setting and the mic position image on the screen.

NOTE

- When Mic Position is set to Auto, the word "Auto" will appear before the current mic position, for example "Auto Upright".
- The Mic Position setting cannot be changed while recording.

Menu items related to recording

Make various settings related to recording.



1. Tap **MENU** on the Home Screen.
2. Tap an item on the Menu Screen to select it, and then change the setting.

Input/Output

Setting	Description
Lo Cut	This function can reduce noise, including air-conditioning, wind and vocal pops.
Limiter	The limiter can prevent distortion by reducing loud input signals.
Ambisonic Monitor	This sets how input sounds in Ambisonic format are monitored.

Rec Settings

Setting	Description
Rec Mode	This sets the file format used to record files.
Rec Format	The recording format can be selected in consideration of audio quality and file size.
Rec File Name	This sets the file name used for recorded files (→ "Inputting characters" on page 20).
Rec File Note	This sets the note used for recorded files (→ "Inputting characters" on page 20).
Sound Marker	A tone signal (sound marker) can be output from the PHONE OUT and LINE OUT jacks when recording starts.

Adjusting the input level (Mic Gain)

The input level (mic gain) used during recording can be adjusted.



1. Drag the Mic Gain on the Home Screen up and down to adjust the level.

HINT

- Double-tapping Mic Gain will set it to 50.



Adjusting headphone volume

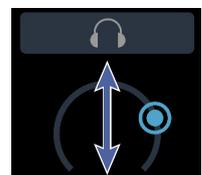
The volume used for monitoring with headphones, for example, can be adjusted.



1. Drag the headphone volume on the Home Screen up and down to adjust the level.

HINT

- Double-tapping the headphone volume will set it to 80.



Adjusting line output volume

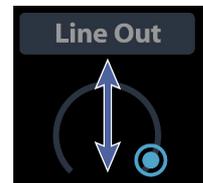
The line output level can be adjusted.



1. Drag the Line Out level on the Home Screen up and down to adjust the level.

HINT

- Double-tapping the Line Out level will set it to 0 dB.



Playing a test tone

A test tone can be played in order to adjust the level of a connected device.



1. Touch  on the Home Screen.

This starts output of the test tone.

Stop touching  to stop the test tone.

HINT

- When adjusting the level used with a device connected to the LINE OUT jack, touch  while adjusting the LINE OUT level.

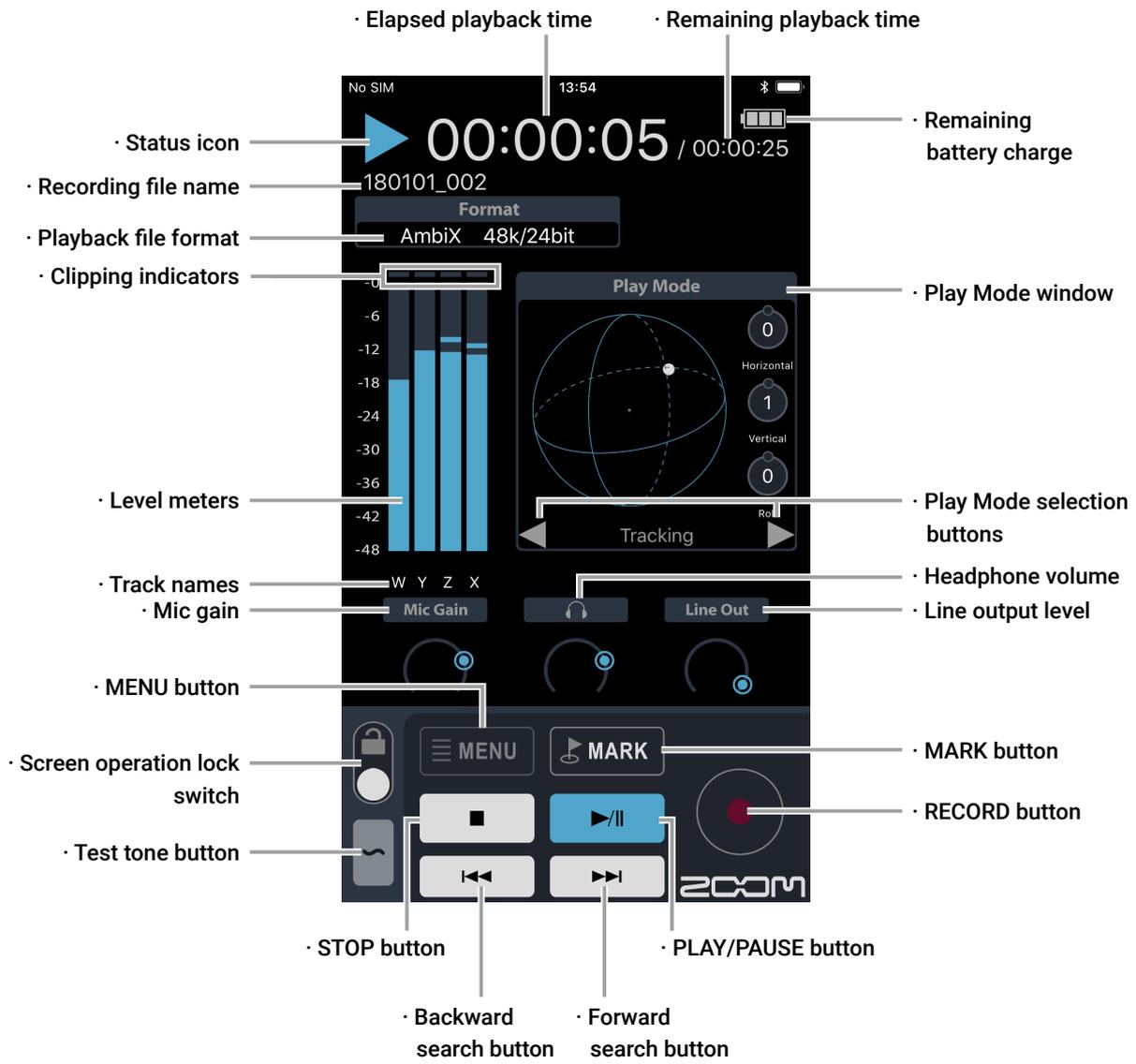
Recording



1. Tap  on the Home Screen.
2. Tap  to pause.
Tap  again to restart recording.
3. Tap  to stop.

Playing recordings

Playback Screen

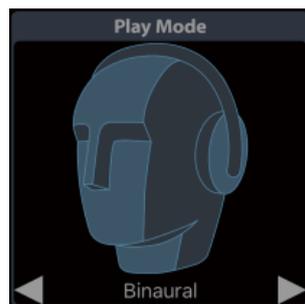
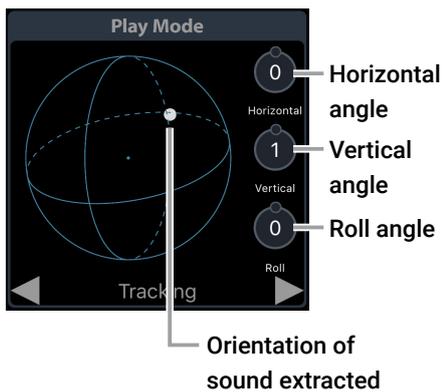


Play mode window appearance

Tracking Play Mode and Manual Play Mode

Binaural Play Mode

During stereo file playback



Selecting files for playback

Files can be selected from within the same folder.



1. Tap  or  on the Home Screen.
This changes the playback file.

Playing files



1. Tap on the Home Screen.

This starts playback of the selected file.

Operations during playback

Function	Operation
Pause/resume	Tap 
Search forward	Touch 
Search backward	Touch 
Move to the previous mark (if one exists) Move to the beginning of the file (if no mark exists)	Tap 
Move to the next mark (if one exists) Play the next file (if no mark exists)	Tap 
Play the previous file	Tap  twice
Stop playback	Tap 

● Changing the play mode

The play mode for audio files recorded in Ambisonics A and Ambisonics B (FuMa and AmbiX) formats can be changed.



1. During playback, tap or on the Home Screen.

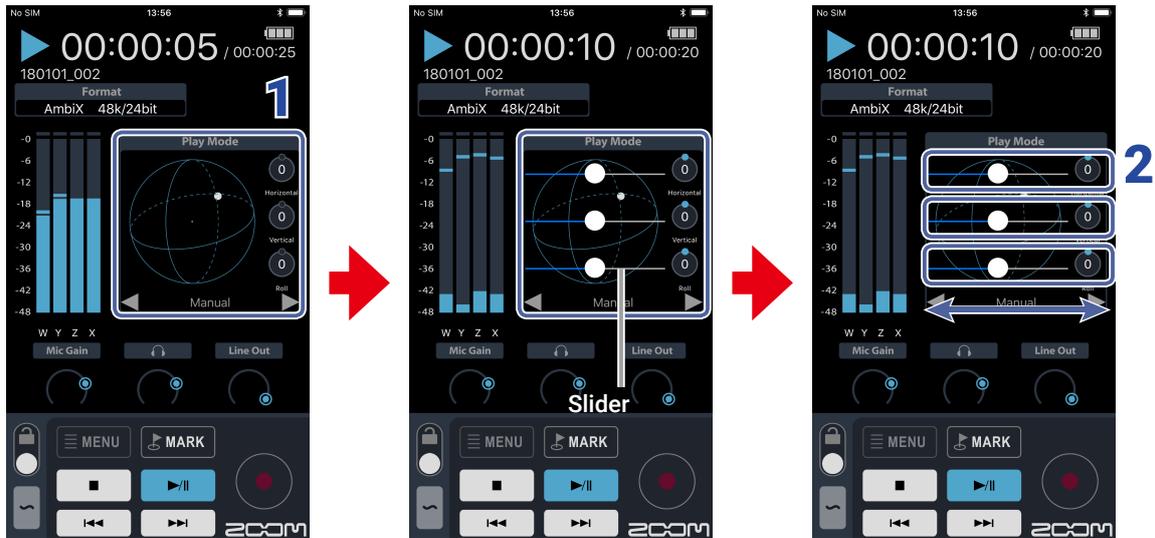
This switches between tracking, manual and binaural play modes.

NOTE

- In tracking play mode, the tilt of the **H3-VR** is shown.

Manual play mode operations

The angle of the extracted sound can be set using H3 Control.



1. During playback, tap the Play Mode window.

Sliders for setting the horizontal, vertical and roll angles will appear.

2. Drag these sliders to adjust their angles.

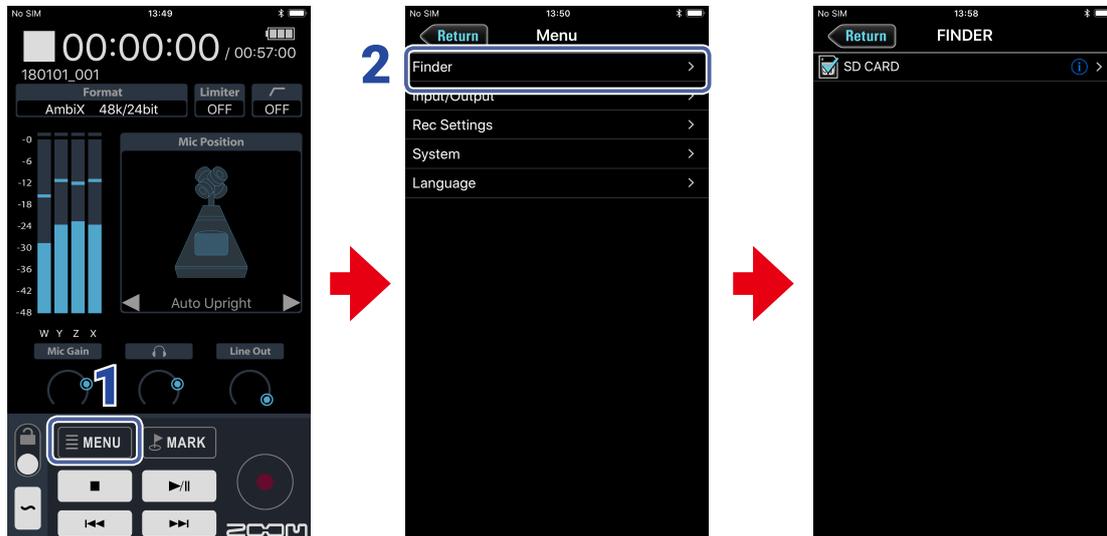
HINT

- Double-tapping the slider will set it to 0.

Managing folders and files

Opening the FINDER screen

Use the FINDER screen to check and edit folders and files on SD cards in the **H3-VR**.

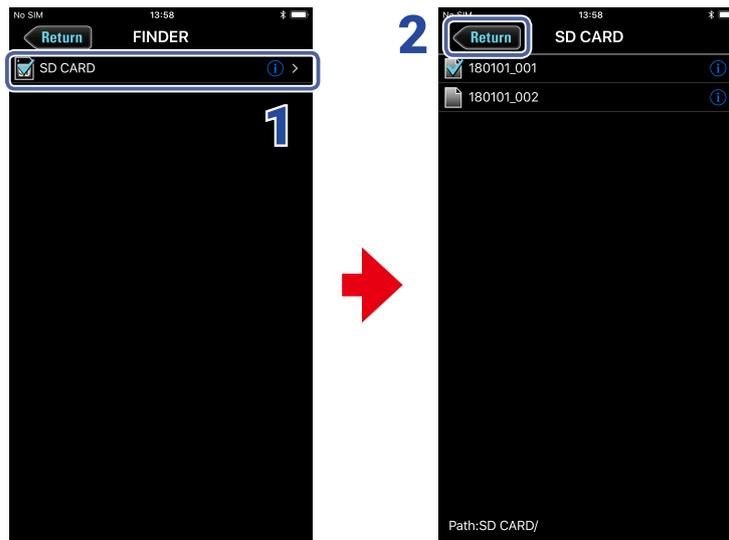


1. Tap **MENU** on the Home Screen.
2. Tap **FINDER** on the Menu Screen.

NOTE

The FINDER menu name is always shown in English regardless of the language setting.
Folder and file names will be shown according to the language.

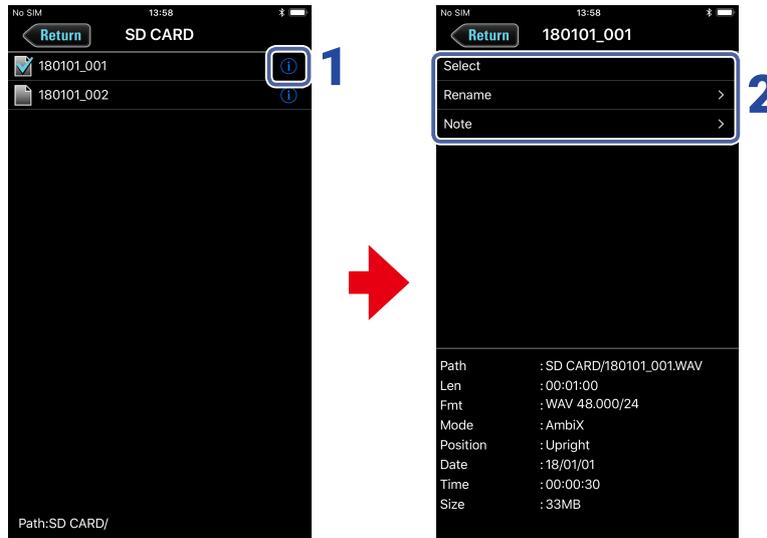
● Opening SD cards and folders



- 1. On the FINDER screen, tap the name of the folder that you want to open.**
This shows the folders and files inside that folder.
- 2. Tap  to move up one level.**

Working with folders and files

Working with folders and files, you can check their information, change their names and edit their metadata.



1. To work with a folder/file, tap the **i** to the right of its name.

This opens the options screen where you can check the following information.

Selected item	Data item name	Description
SD card	Free	Open space
	Size	Size of card
	Remain	Remaining recordable time
Folder	Path	Folder path
	Date	Date created
	Time	Time created
File	Path	File path
	Len	Length of time
	Fmt	Recording format
	Mode	Recording mode
	Position	Mic position
	Date	Date created
	Time	Time created
	Size	Size of file

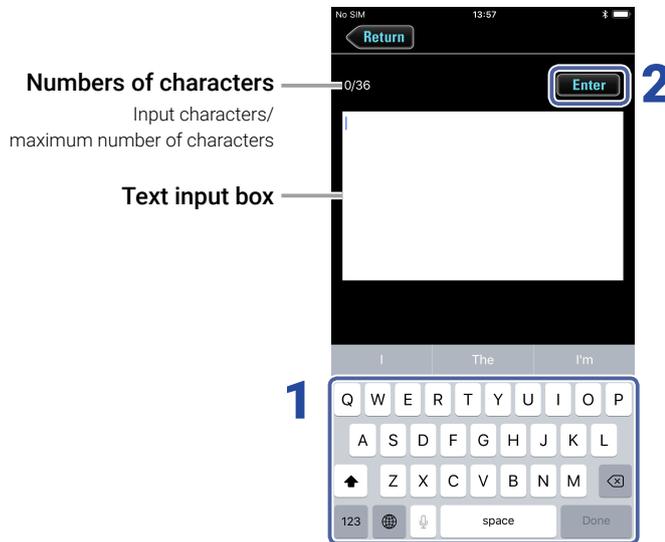
2. Tap an item to change its setting or work with it.

Folder/file options

Setting	Description
Select	Use this procedure to select the folder that contains the file to be played back or the folder to use for recording files and return to the Home Screen. When an SD card or folder is selected, the first file inside it will be selected.
Rename	Change the folder/file name (→ "Inputting characters" on page 20).
Note	Check and edit the file note.

Inputting characters

Character input screens appear for inputting the names of files and folders, as well as notes, for example.



1. Input characters using the keyboard.

The input characters appear in the text box.

NOTE

- The following characters can be input.

(space)!#\$%&'()+,-0123456789;=@ABCDEFGHIJKLMN OPQRSTUVWXYZ []^_`abcdefghijklmnopqrstuvwxyz{ }~

Except when inputting a "Note", you cannot put an @ mark or a space at the beginning.

2. When done inputting, tap **Enter**.

Confirm the input characters.

Tap **Return** to cancel the input.

Changing System settings



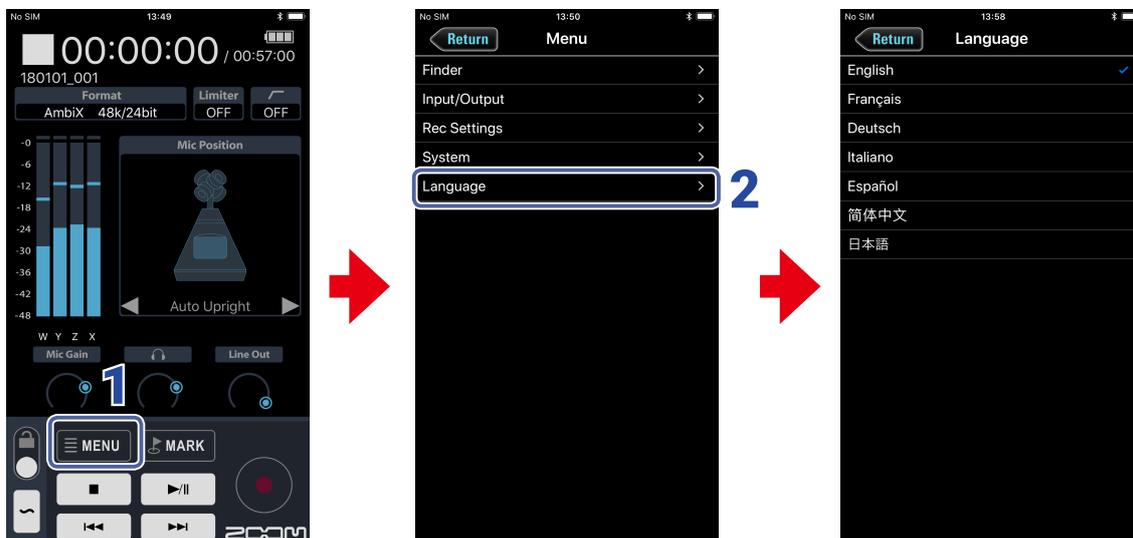
1. Tap **MENU** on the Home Screen.
2. Tap "System" on the Menu Screen.
3. Tap a setting and then change it.

System

Setting	Description
Date/Time	This sets the date/time and date display format.
LCD Backlight	Set the time until the display backlight turns off.
Battery	Select the type of batteries used in the H3-VR .
Versions	You can check the H3-VR and H3 Control versions.

Setting the language

This sets the language shown on the **H3-VR** and the H3 Control app.



1. Tap **MENU** on the Home Screen.
2. Tap “Language” on the Menu Screen, and then change the setting.



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