Contents

Introduction........................................................................................................................................3
Copyrights..........................................................................................................................................4
Installing H3 Control..........................................................................................................................4
Pairing the H3-VR and the connected device.....................................................................................5
Recording...............................................................................................................................................7
  Home/Recording Screen ...................................................................................................................7
  Setting the mic position......................................................................................................................8
  Menu items related to recording.......................................................................................................9
  Adjusting the input level (Mic Gain).................................................................................................10
  Adjusting headphone volume............................................................................................................10
  Adjusting line output volume...........................................................................................................11
  Playing a test tone .............................................................................................................................11
  Recording.........................................................................................................................................12
Playing recordings..............................................................................................................................13
  Playback Screen ...............................................................................................................................13
  Selecting files for playback.............................................................................................................14
  Playing files ..................................................................................................................................15
  Changing the play mode ................................................................................................................16
  Manual play mode operations .........................................................................................................17
Managing folders and files .................................................................................................................18
  Opening the FINDER screen .........................................................................................................18
  Opening SD cards and folders .......................................................................................................19
  Working with folders and files .....................................................................................................20
Inputting characters............................................................................................................................21
System..................................................................................................................................................22
Setting the language............................................................................................................................23
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.

   NOTE
   · The first time that you launch H3 Control, you must pair it with the H3-VR that it will operate.
Pairing the H3-VR and the connected device

The first time that you launch H3 Control, you must pair with the H3-VR to establish their connection.

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

2. Start the H3-VR.
   A password to identify the BTA-1 or other dedicated wireless adapter will be shown on the H3-VR display.

3. Tap the H3 Control app icon on the iOS device.
   H3 Control will launch, and a password input screen will appear on the iOS device display.

4. Input the 6-digit password that appears on the H3-VR display and tap “Pair”.
   When pairing completes, “Connected” will appear on the H3-VR display.

**HINT**
- If pairing is not successful, move the device closer to the H3-VR 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.
- Entering a password will not be necessary when launching the app again in the future.
NOTE

- Only one iOS device can be paired with the H3-VR at a time. Pairing a different iOS device will make it no longer possible to connect with the previously paired iOS device. Trying to connect the previous iOS device will cause an error message to appear on the H3-VR display and turn the BTA-1 off.
- To reconnect a previously paired iOS device, follow the instructions in the operation manual for the iOS device that you are using to remove the H3-VR that is registered as a Bluetooth device. Then, after you launch H3 Control, the password input screen will appear, making pairing possible.
Recording

Home/Recording Screen

- Elapsed recording time
- Remaining recordable time
- Status icon
- File name
- Recording format
- Clipping indicators
- Level meters
- Track names
- Mic gain
- MENU button
- Screen operation lock switch
- Test tone button
- STOP button
- Backward search button
- Forward search button
- MARK button
- RECORD button
- PLAY/PAUSE button
- Remaining battery charge
- Limiter setting
- Low-cut setting
- Mic position window
- Mic position selection buttons
- Headphone volume
- Line output level
- Mic gain

Screen operation lock switch setting

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🛡️</td>
<td>All screen settings are available.</td>
</tr>
<tr>
<td>🛡️</td>
<td>All operations are disabled except the screen operation lock switch.</td>
</tr>
</tbody>
</table>
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

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

#### Rec Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec Mode</td>
<td>This sets the file format used to record files.</td>
</tr>
<tr>
<td>Rec Format</td>
<td>The recording format can be selected in consideration of audio quality and file size.</td>
</tr>
<tr>
<td>Rec File Name</td>
<td>This sets the file name used for recorded files (→ &quot;Inputting characters&quot; on page 21).</td>
</tr>
<tr>
<td>Rec File Note</td>
<td>This sets the note used for recorded files (→ &quot;Inputting characters&quot; on page 21).</td>
</tr>
<tr>
<td>Sound Marker</td>
<td>A tone signal (sound marker) can be output from the PHONE OUT and LINE OUT jacks when recording starts.</td>
</tr>
</tbody>
</table>
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.
1. Tap on the Home Screen.

2. Tap to pause.
   Tap again to restart recording.

3. Tap to stop.
Playing recordings

Playback Screen

- Elapsed playback time
- Remaining playback time
- Remaining battery charge
- Recording file name
- Playback file format
- Clipping indicators
- Status icon
- Elapsed playback time
- Remaining playback time

- Level meters
- Mic gain
- Screen operation lock switch
- Test tone button
- Stop button
- Forward search button
- Backward search button
- Play/PAUSE button
- PLAY/PAUSE button
- RECORD button
- MARK button
- Play Mode window
- Play Mode selection buttons
- Headphone volume
- Line output level

Play mode window appearance

- Tracking Play Mode and Manual Play Mode
- Binaural Play Mode
- During stereo file playback

Orientation of sound extracted

Horizontal angle
Vertical angle
Roll angle
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.
1. **Tap** on the Home Screen. This starts playback of the selected file.

### Operations during playback

<table>
<thead>
<tr>
<th>Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pause/resume</td>
<td>Tap <img src="image" alt="play" /></td>
</tr>
<tr>
<td>Search forward</td>
<td>Touch <img src="image" alt="forward" /></td>
</tr>
<tr>
<td>Search backward</td>
<td>Touch <img src="image" alt="backward" /></td>
</tr>
<tr>
<td>Move to the previous mark (if one exists)</td>
<td>Tap <img src="image" alt="undo" /></td>
</tr>
<tr>
<td>Move to the beginning of the file (if no mark exists)</td>
<td>Tap <img src="image" alt="undo" /></td>
</tr>
<tr>
<td>Move to the next mark (if one exists)</td>
<td>Tap <img src="image" alt="redo" /></td>
</tr>
<tr>
<td>Play the next file (if no mark exists)</td>
<td>Tap <img src="image" alt="undo" /></td>
</tr>
<tr>
<td>Play the previous file</td>
<td>Tap <img src="image" alt="undo" /> twice</td>
</tr>
<tr>
<td>Stop playback</td>
<td>Tap <img src="image" alt="stop" /></td>
</tr>
</tbody>
</table>
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.

   • 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 \textbf{Return} 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  to the right of its name.

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

<table>
<thead>
<tr>
<th>Selected item</th>
<th>Data item name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD card</td>
<td>Free</td>
<td>Open space</td>
</tr>
<tr>
<td></td>
<td>Size</td>
<td>Size of card</td>
</tr>
<tr>
<td></td>
<td>Remain</td>
<td>Remaining recordable time</td>
</tr>
<tr>
<td>Folder</td>
<td>Path</td>
<td>Folder path</td>
</tr>
<tr>
<td></td>
<td>Date</td>
<td>Date created</td>
</tr>
<tr>
<td></td>
<td>Time</td>
<td>Time created</td>
</tr>
<tr>
<td>File</td>
<td>Path</td>
<td>File path</td>
</tr>
<tr>
<td></td>
<td>Len</td>
<td>Length of time</td>
</tr>
<tr>
<td></td>
<td>Fmt</td>
<td>Recording format</td>
</tr>
<tr>
<td></td>
<td>Mode</td>
<td>Recording mode</td>
</tr>
<tr>
<td></td>
<td>Position</td>
<td>Mic position</td>
</tr>
<tr>
<td></td>
<td>Date</td>
<td>Date created</td>
</tr>
<tr>
<td></td>
<td>Time</td>
<td>Time created</td>
</tr>
<tr>
<td></td>
<td>Size</td>
<td>Size of file</td>
</tr>
</tbody>
</table>

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

Folder/file options

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select</td>
<td>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.</td>
</tr>
<tr>
<td>Rename</td>
<td>Change the folder/file name (→ “Inputting characters” on page 21).</td>
</tr>
<tr>
<td>Note</td>
<td>Check and edit the file note.</td>
</tr>
</tbody>
</table>
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) ! # $ % & ' ( ) + , - 0 1 2 3 4 5 6 7 8 9 ; = @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { } ~
   - 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

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