



H4essential Control

for iOS
Version 1.0

Operation Manual



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Proper display is not possible on grayscale devices.

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Introduction

H4essential Control is a remote control application designed for the ZOOM H4essential Field Recorder.

In addition to the fundamental operations of starting/stopping recording/playback and searching forward/backward, this app can be used to add marks and to set various parameters.

This manual does not explain operation of H4essential unit itself. See the H4essential Operation Manual for detailed information about all its functions.

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The illustrations and display screens in this document could differ from the actual product. The contents of this document and the specifications of the product could be changed without notice.

Installing H4essential Control

1. Open the App Store on the iOS/iPadOS device and search for “H4essential Control”.
2. Tap “GET” on the H4essential Control screen.
This will install H4essential Control on the device.



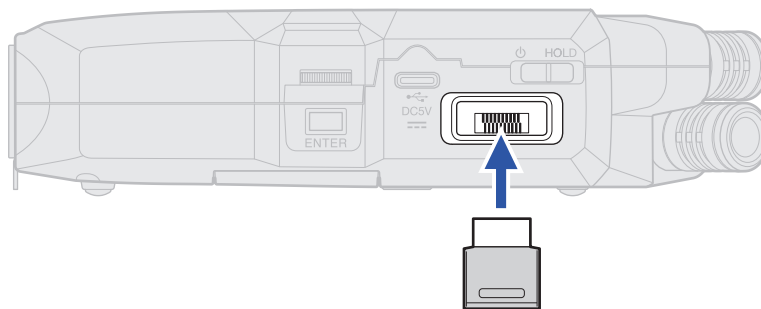
Connecting with an H4essential

MEMO

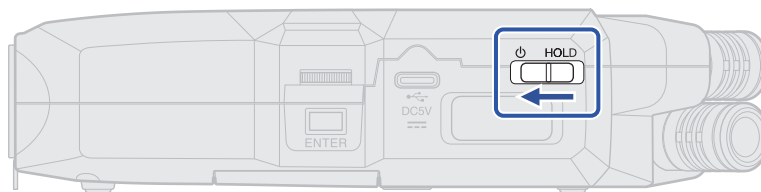
- A separate ZOOM BTA-1 Bluetooth adapter must be installed in H4essential to remotely control it from a smartphone/tablet. For details, see the operation manual.



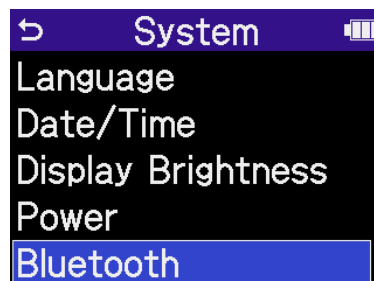
1. Remove the H4essential REMOTE connector cover and connect a BTA-1 or other dedicated wireless adapter.



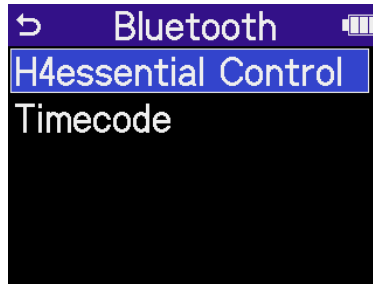
2. Start the H4essential.



3. On the Home Screen, select "SYSTEM" and press "ENTER".
4. Select "Bluetooth" and press "ENTER".



5. Select “H4essential Control” and press “ENTER”.

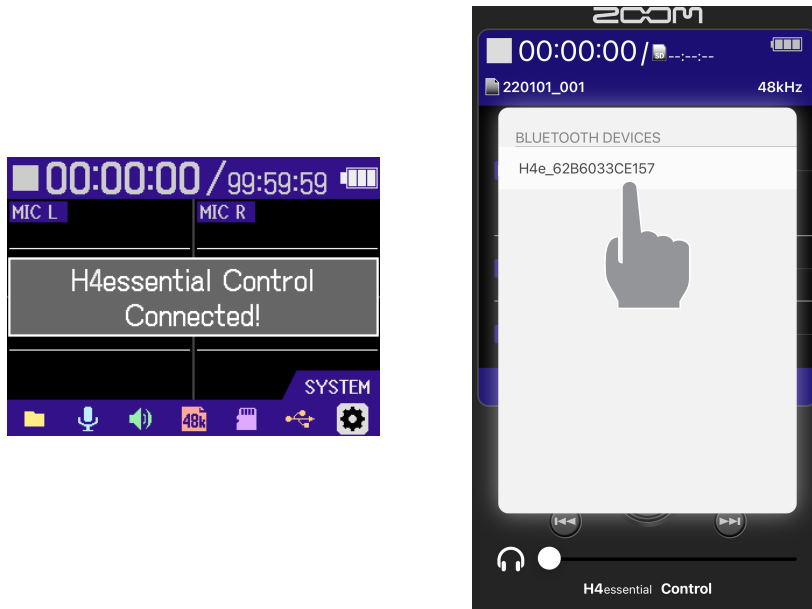


Searching for the device to connect will begin and “Searching” will appear on the display.



6. Tap the H4essential Control app icon on the iOS/iPadOS device.

This opens a Bluetooth device list in H4essential Control. Tap the device name/ID to start connecting. When connection completes, “H4essential Control Connected!” will appear on the H4essential display.



MEMO

- If connection is not successful, move the device closer to the H4essential or move both to a place where nothing interferes with radio waves and start H4essential Control again. Confirm also that the Bluetooth function of the iOS/iPadOS device can be used.

Home Screen





<Home Screen>





■ Menu bar

<When recording paused>







-  **FILELIST** : This opens the File List Screen where the files on the microSD card can be checked. (→ [File List Screen](#))
-  **INPUT** : This opens a screen with settings related to input. (→ [Making input settings](#))
-  **OUTPUT** : This opens a screen with settings related to output. (→ [Playing a test tone](#))
-  **LOCK SWITCH** : This disables all screen operations except this lock switch.

Screen operation lock switch settings

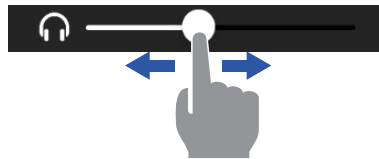
Setting	Explanation
	All screen operations are enabled.
	All operations are disabled except the screen operation lock switch.

<When recording>



-  **MARK** : Use this to add a mark to the file being recorded. (→ [Adding marks during recording](#))
-  **OUTPUT** : This opens a screen with settings related to output. (→ [Playing a test tone](#))
-  **TRASH** : Use this to move the file being recorded to the TRASH folder.
(→ [Moving the file being recorded to the TRASH folder](#))
-  **LOCK SWITCH** : This disables all screen operations except this lock switch.

■ Headphone volume

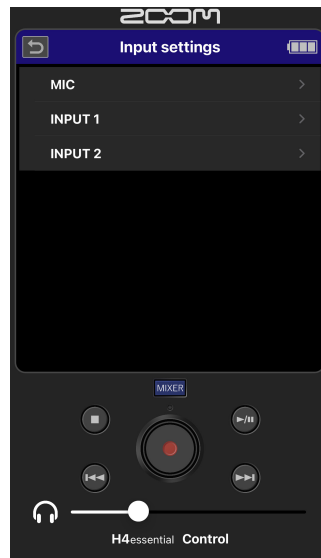


Slide the HEADPHONE VOLUME on the Home Screen left and right to adjust the volume.

● Making input settings

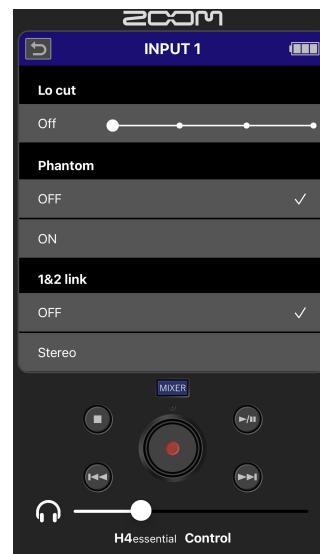
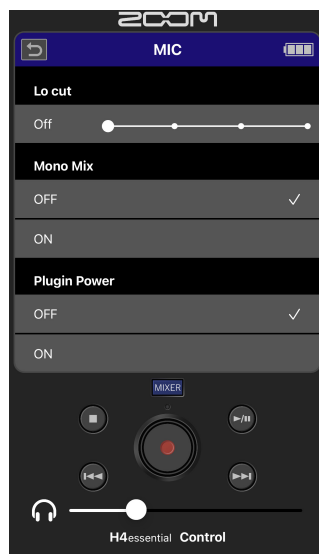
Use this screen to make settings related to inputs.

1. Tap  on the Home Screen.



This opens the Input Settings Screen.

2. Tap the input for which you want to set.



This shows the various setting items.

3. Tap a setting on the Input Settings Screen and change it.


	Setting item	Description
MIC	Lo Cut	Lo Cut can cut low frequencies to reduce the sound of wind, vocal pops and other noise. Slide left and right to adjust the cutoff frequency.
	Mono Mix	The setting whether the built-in mic input become mono or stereo can be changed.
	Plugin Power	The Plugin Power setting can be changed.
INPUT1 - 2	Lo Cut	Lo Cut can cut low frequencies to reduce the sound of wind, vocal pops and other noise. Slide left and right to adjust the cutoff frequency.
	Phantom	The phantom power on/off can be changed.
	Link	The stereo-linking setting can be changed.
	Side Level	Side Level can be adjusted by altering the side mic recording level. Slide left and right to adjust the side level.

Playing a test tone

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

1. Tap  on the Home Screen.

2. Tap  on the Output Settings Screen.

This starts output of the test tone. Stop touching  to stop the test tone.

Recording

1. Tap the buttons of the tracks that you want to record on the Home Screen.



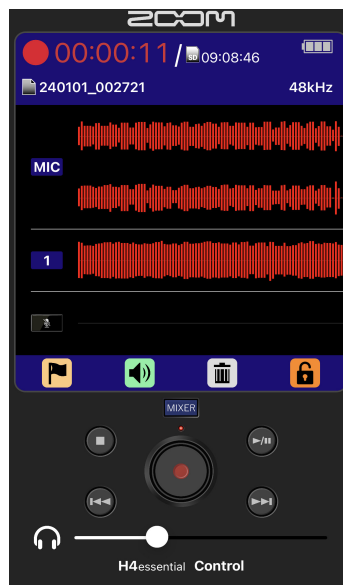
Inputs that will be recorded appear blue.

MEMO

- Waveforms for input signals that are not being recorded will not be shown on the Home Screen.

2. Tap  on the Home Screen.

Recording will start.



3. Tap  or  to stop.


Adding marks during recording

1. Tap  while recording.



This will add a mark at the position of the current elapsed recording time. The playback position can be moved to a mark during playback.

Moving the file being recorded to the TRASH folder

1. Tap  while recording.
2. Tap YES on the confirmation pop-up.






This will stop recording and move the file being recorded to the TRASH folder.

Playing recordings







■ Menu bar



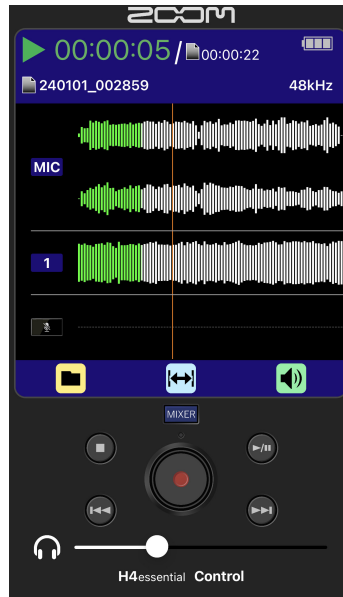
-  **FILELIST** : This opens the File List Screen where the files on the microSD card can be checked.
 (→ [File List Screen](#))
-  **AB REPEAT** : Use this to set the starting and ending points for repeat playback.
 (→ [Repeat playback of a set interval \(A-B repeat\)](#))
-  **OUTPUT** : This opens a screen with settings related to output.

Operations during playback


Operation	Function
Tap 	Pause/resume
Tap 	Move to the previous or next mark (if one exists) Play the previous or next file (if no mark exists)
Hold 	Search backward/forward
Tap 	This stops playback and reopens the Home Screen.

Playing recordings

1. Tap  when the Home Screen is open.



This opens the Playback Screen on the display and starts playback selected recorded file.

2. Tap  This stops playback and reopens the Home Screen.

Repeat playback of a set interval (A-B repeat)

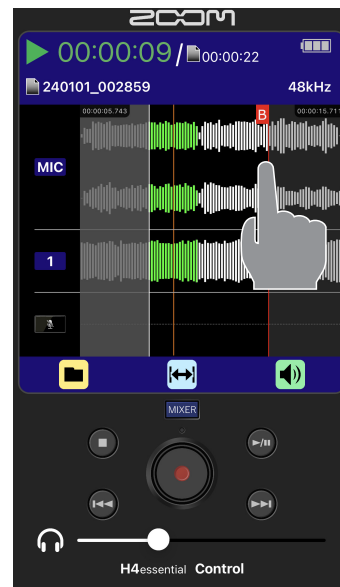
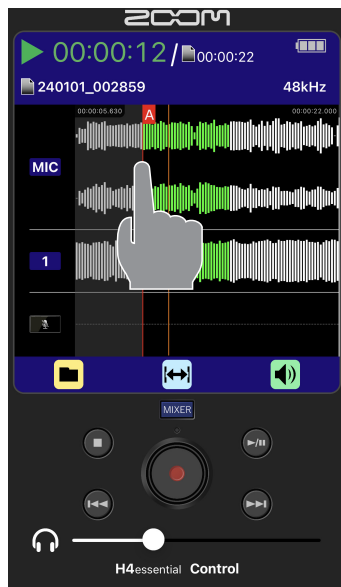
Playback can be repeated between two set points.

1. Tap  on the Playback Screen.




The playback starting point and the playback ending point are shown on the Playback Screen.

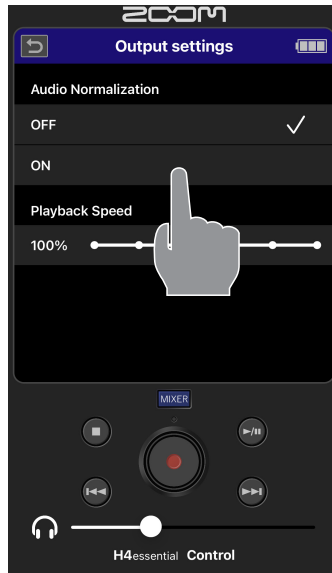
2. Slide left and right to set the A point (playback starting point) and B point (playback ending point).



Automatic volume adjustment during playback


By setting “Audio Normalization” to “On”, the playback volume can be evened out regardless of recording levels.

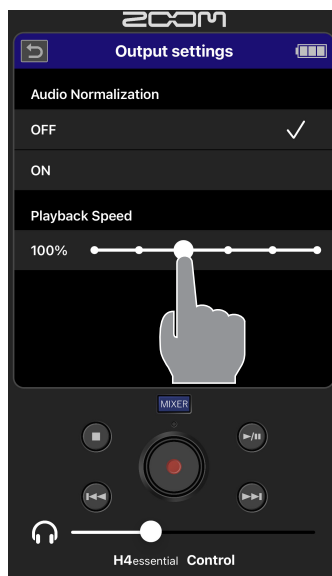
1. Tap  on the Playback Screen.
2. Tap “ON” of the Audio Normalization.



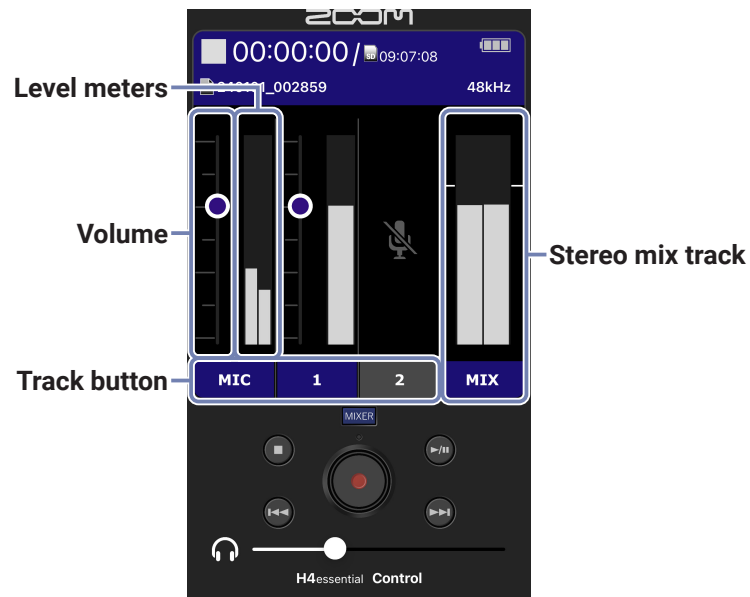
Changing the playback speed

The playback speed can be changed.

1. Tap  on the Playback Screen.
2. Slide “Playback Speed” left and right to set the playback speed.



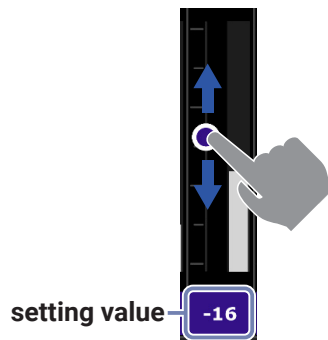
Mixer Screen



Adjusting the monitoring balance of input sounds

On the Mixer Screen, the monitoring balance of all inputs can be adjusted. Moreover, the volumes of the input sounds and their stereo mix signal can be checked with the level meters.

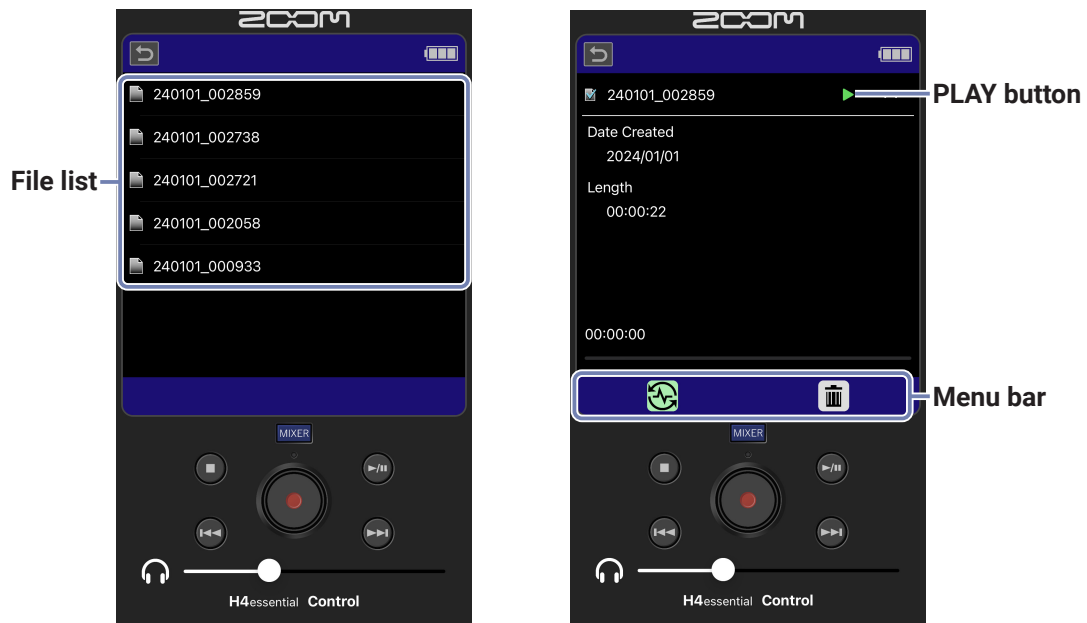
1. Tap **MIXER** on the Home Screen/Playback Screen.
2. Slide up and down the **Volume** of the track which you want to adjust the volume.



When the volume setting of a track is being adjusted, the setting value will be shown numerically instead of the track name.



When done adjusting tap **MIXER** return to the Home Screen/Playback Screen.

File List Screen



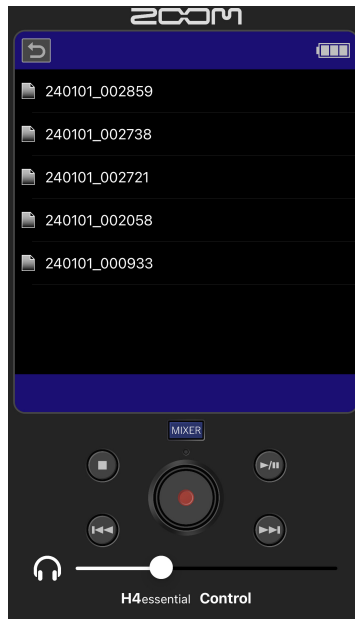
■ Menu bar



-  **PLAY VIEW** : This opens the Playback Screen for the selected file.
-  **TRASH** : Use this to move the selected file to the TRASH folder.

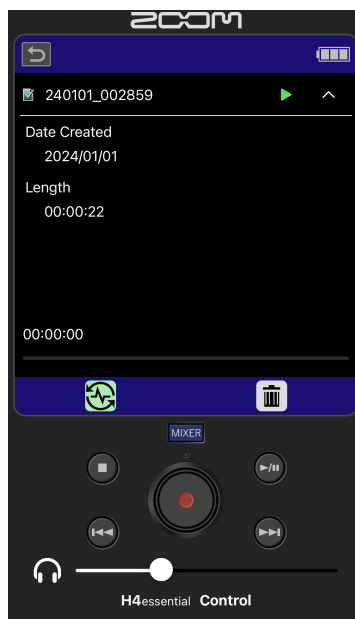
Checking files

1. When the Home Screen or Playback Screen is open, tap  .



This opens the File List Screen, which list the files on the microSD card.

2. Tap the file name.



This opens the Options Screen where you can check the following information.

Data item	Description
Date Created	The date of recording
Length	Length of time



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