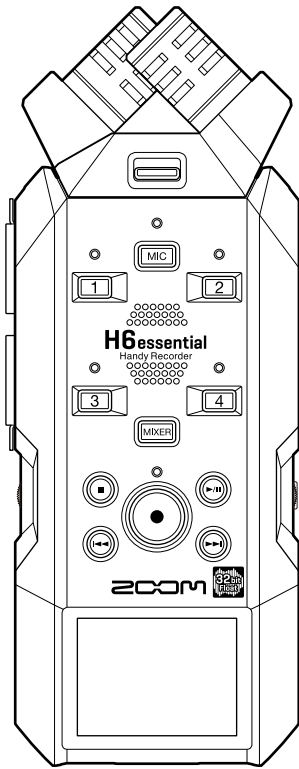


H6essential

Handy Recorder



Version 2.0 Supplementary Manual

You must read the Usage and Safety Precautions before use.

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Proper display is not possible on grayscale devices.


Function added since Version 1.1

■ Functions added in Version 2.0

- Support added for SSH-6e and EXH-6e mic capsules

Support has been added for the SSH-6e and EXH-6e mic capsules, which are sold separately.

- Pause recording function added

A function has been added that enables recording to be paused by pressing .

■ Function added in Version 1.1

- Function added to turn the guide sound on/off with a shortcut

A function has been added that enables the guide sound to be turned on/off immediately by pressing and

holding  .
ENTER

Contents

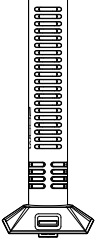
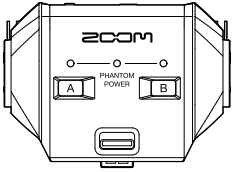
- Function added since Version 1.1.....2
- Using optional mic capsules.....4
 - Using an SSH-6e.....4
 - Setting the SSH-6e mode.....5
 - Setting the SSH-6e side level.....7
 - Reducing noise when using an SSH-6e (Lo Cut).....9
 - Using an EXH-6e.....10
 - Enabling the EXH-6e inputs.....11
 - Setting EXH-6e stereo linking.....12
 - Setting the EXH-6e side level.....14
 - Reducing noise when using an EXH-6e (Lo Cut).....16
- Pausing recording.....17
- Turning the guide sound on/off with a shortcut.....18
 - Turning the guide sound on/off.....18
- Notes about this manual.....19

Using optional mic capsules

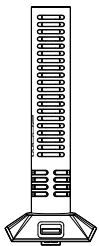
The mic capsule included with the H6essential can be swapped with a different mic capsule (sold separately) according to recording needs.

The display and operation when using an optional mic capsule are fundamentally the same as when using the included mic capsule. Settings specific to each mic capsule, however, can be changed.

The following optional mic capsules are compatible with the H6essential.

Mic capsule		Explanation
	SSH-6e Shotgun Mic Capsule	Mid-side stereo shotgun mic that supports 32-bit float recording
	EXH-6e External Input	2-channel XLR/TRS input capsule that supports 32-bit float recording

Using an SSH-6e



The SSH-6e is a mid-side stereo shotgun mic capsule. Along with a super-directional shotgun mic for capturing sound in the center (mid), it has a bidirectional mic for capturing sound from the left and right (side). The stereo width can be changed freely by adjusting the side level,

NOTE

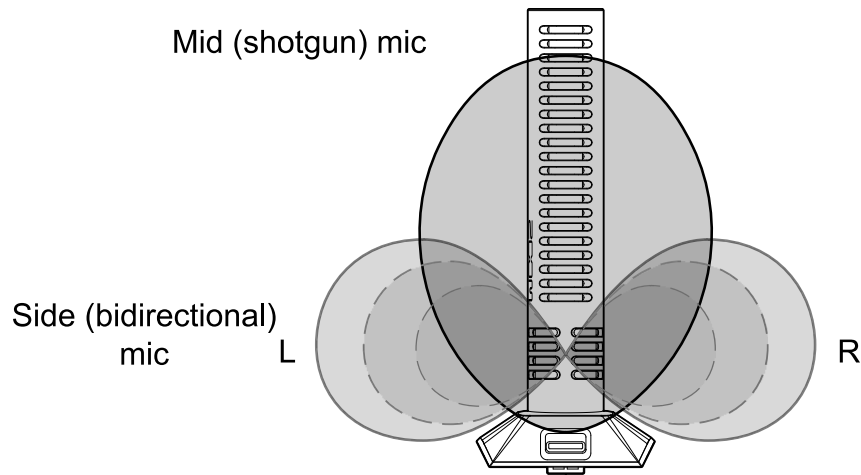
For details about the SSH-6e, see its manual.

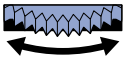


Download the SSH-6e manual from the ZOOM website (zoomcorp.com/help/ssh-6e).

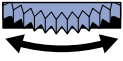

Setting the SSH-6e mode

The operation mode of the SSH-6e.

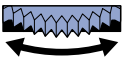
By setting the mode, a wide range of recording styles can be supported, from super-directional mono to stereo, which would normally require using an additional mic.

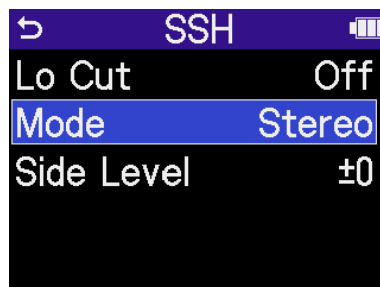




1. On the Home Screen, use  to select  (Input) and press . This opens the Input Settings Screen.

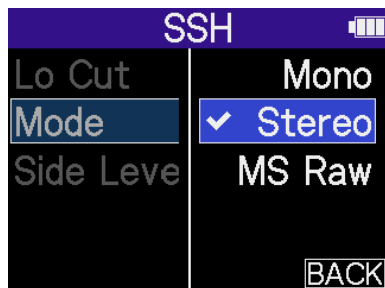
2. Use  to select "SSH", and press .



3. Use  to select "Mode", and press .



4. Use  to select the mode, and press .



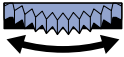


Setting	Explanation
Mono	This turns off the side mic, enabling use as a mono shotgun mic. This is useful for situations when recording only specific sounds is desired.
Stereo	This uses the mid and side mics together as a stereo shotgun mic that keeps stereo width while having directional focus. This is useful for situations when recording sounds from the surrounding environment is also desired.
MS Raw	The mid mic signal will be recorded to the left channel and the side mic signal will be recorded to the right channel of the stereo file. This function is useful for changing the side level during post-production after recording.

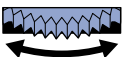

Setting the SSH-6e side level

When using the SSH-6e as a stereo shotgun mic, the side mic level can be set before recording, enabling the stereo width to be adjusted.

NOTE

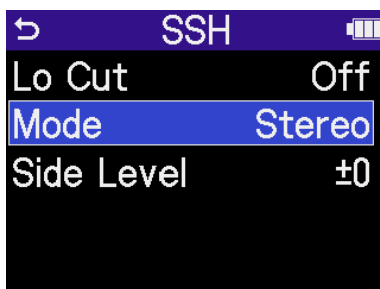
Side level can only be adjusted when the SSH-6e mode is set to "Stereo".

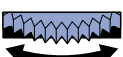

1. On the Home Screen, use  to select  (Input) and press . This opens the Input Settings Screen.

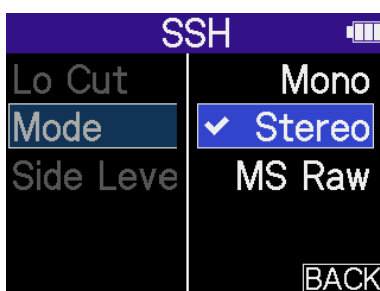
2. Use  to select "SSH", and press .





3. Use  to select "Mode", and press .

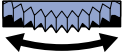



4. Use  to select "Stereo", and press .



5. Use  to select "Side Level", and press .



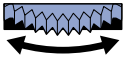


6. Use  to set the side level, and press .

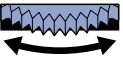



The setting range is -24 to +6. The higher the number is the wider the sound becomes to the left and right.

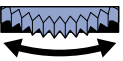

Reducing noise when using an SSH-6e (Lo Cut)

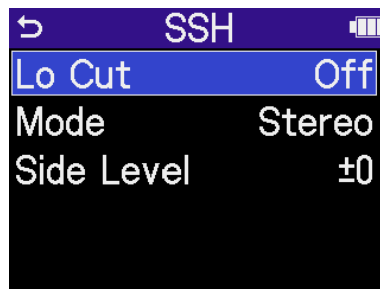
Low frequencies can be cut to reduce the sound of wind and vocal pop noises, for example.

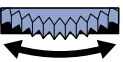

1. On the Home Screen, use  to select  (Input) and press .
This opens the Input Settings Screen.

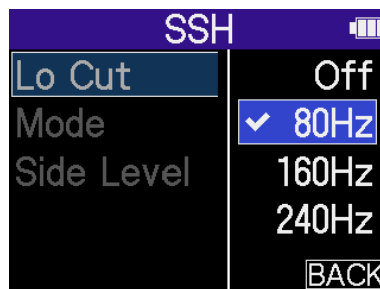
2. Use  to select "SSH", and press .



3. Use  to select "Lo Cut" and press .

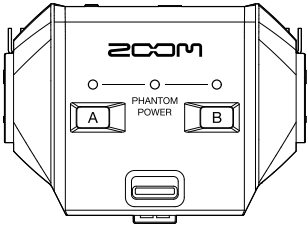


4. Use  to select the cutoff frequency and press .



Lo Cut can be set to OFF, 80 Hz, 160 Hz or 240 Hz.

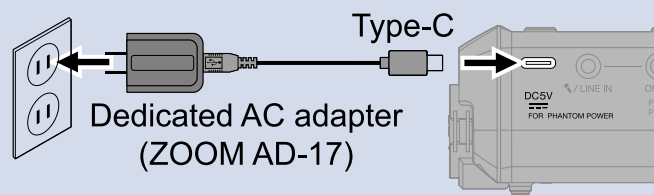
Using an EXH-6e



The EXH-6e XLR/TRS combo capsule adds 2 channels of external input. Signals can be input from dynamic mics, line level instruments, mixers and audio players, for example. Phantom power supply is supported, so condenser mics can also be used. In addition, a stereo mini MIC/LINE input jack is built in and supports plug-in power.

NOTE

- When connecting condenser mics and other devices that require phantom power, use an external power supply.

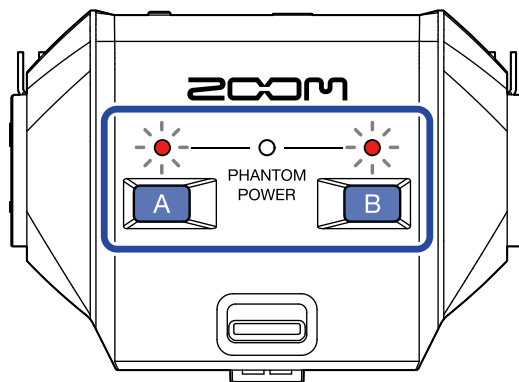


- When connecting a mic that requires plug-in power to the MIC/LINE jack, set the PLUG-IN POWER ON/OFF switch to ON.
- For additional details about the EXH-6e, see its manual.
Download the EXH-6e manual from the ZOOM website (zoomcorp.com/help/exh-6e).

Enabling the EXH-6e inputs

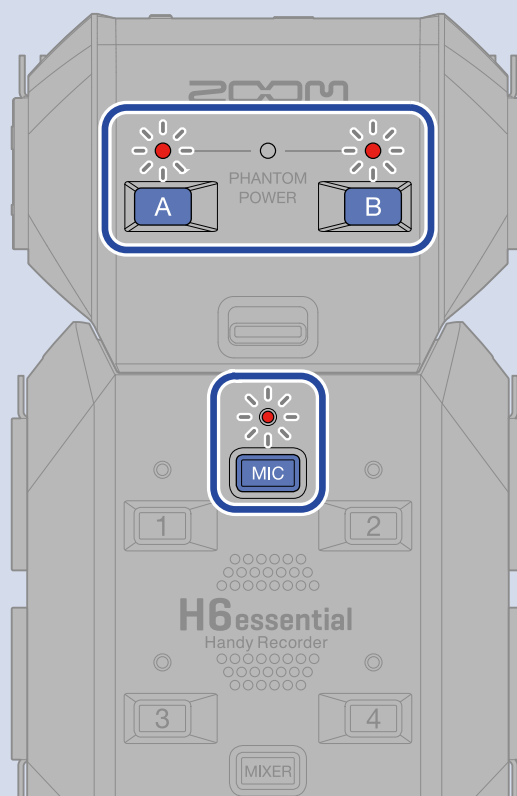
INPUT A and INPUT B of the EXH-6e need to be enabled for use.

1. Press the INPUT A/B buttons.
This will enable that input jack and light the INPUT A/B status indicator.



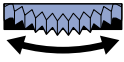


NOTE

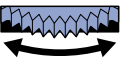

To record sound input from an EXH-6e, the mic capsule track must be enabled on the H6essential itself. Confirm that the mic capsule track indicator on the H6essential is lit.

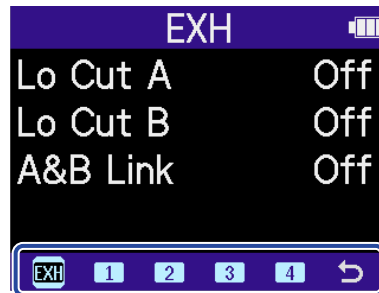


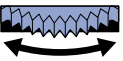

Setting EXH-6e stereo linking

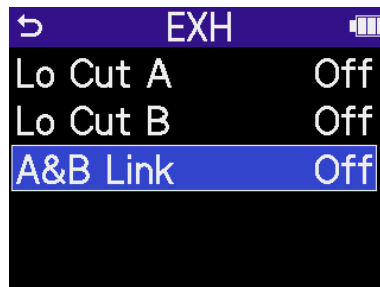
By stereo-linking the EXH-6e inputs, their signals can be handled as stereo audio.

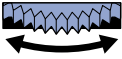

1. On the Home Screen, use  to select  (Input) and press . This opens the Input Settings Screen.

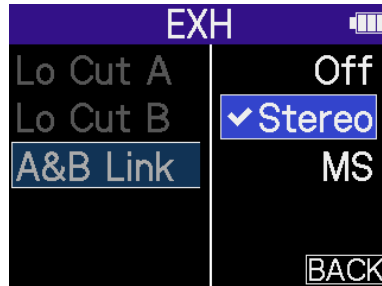
2. Use  to select "EXH", and press .



3. Use  to select "A&B Link", and press .



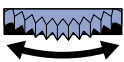


4. Use  to select the desired setting, and press .

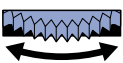



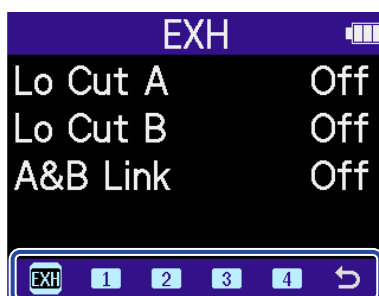
Setting	Explanation
Off	Input signals will be handled as mono audio.
Stereo	The two EXH-6e input signals will be handled as stereo audio. INPUT A will become the L channel and INPUT B will become the R channel.
MS	The two EXH-6e input signals will be handled as audio captured in mid-side format. INPUT A will be used for the mid signal and INPUT B will be used for the side signal.

Setting the EXH-6e side level

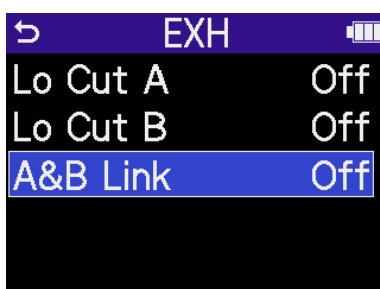
With the EXH-6e, if the input signal is set to "MS", the side level can be set before recording, allowing the stereo width of the input sound to be adjusted.

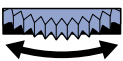

1. On the Home Screen, use  to select  (Input) and press . This opens the Input Settings Screen.

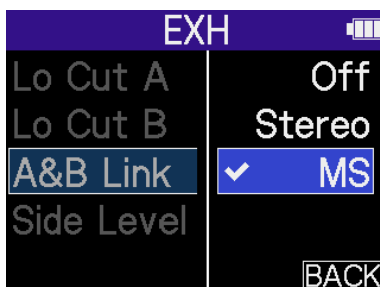
2. Use  to select "EXH", and press .

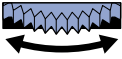



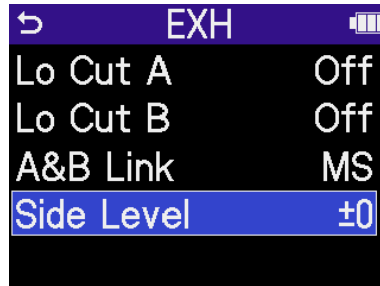
3. Use  to select "A&B Link", and press .

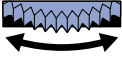



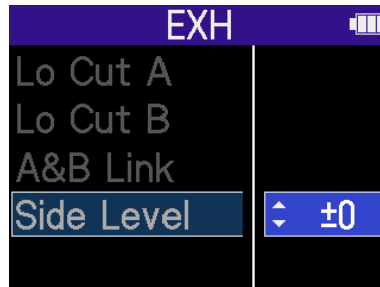
4. Use  to select "MS", and press .



5. Use  to select "Side Level", and press .



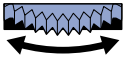


6. Use  to set the side level, and press .

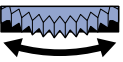



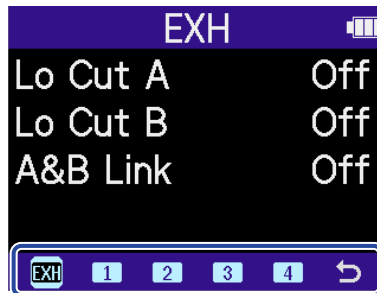
Setting	Explanation
-24 - +6	The higher the number is the wider the sound becomes to the left and right.
Mute	The side mic will be muted.
Raw	The mid signal will be recorded to the L channel and the side signal will be recorded to the R channel of the stereo file. This setting is useful for changing the side level during post-production after recording.

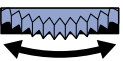

Reducing noise when using an EXH-6e (Lo Cut)

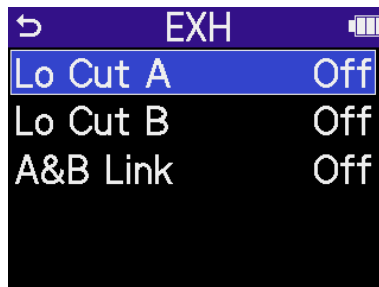
Low frequencies can be cut to reduce the sound of wind and vocal pop noises, for example.

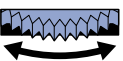

1. On the Home Screen, use  to select  (Input) and press .
This opens the Input Settings Screen.

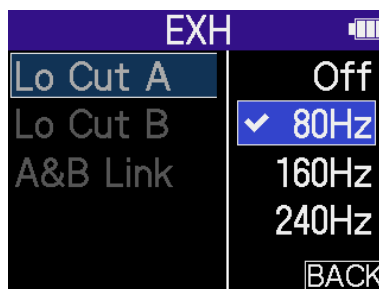
2. Use  to select "EXH", and press .



3. Use  to select "Lo Cut A" or "Lo Cut B" and press .




4. Use  to select the cutoff frequency and press .



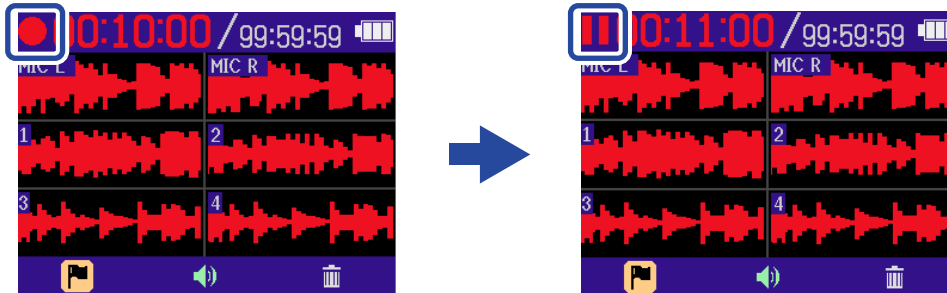
Lo Cut can be set to OFF, 80 Hz, 160 Hz or 240 Hz.


Pausing recording

By pausing recording and not recording unwanted intervals, microSD card capacity can be conserved.

1. Press  during recording.

This pauses recording.



Press  again to resume recording.


NOTE

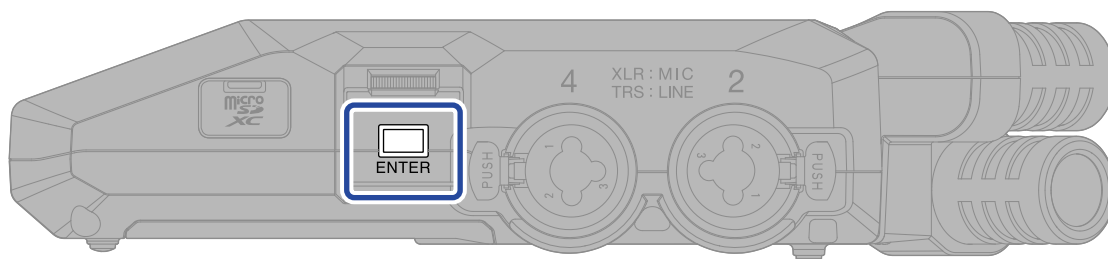
Resuming recording will automatically add a mark at that point.

Turning the guide sound on/off with a shortcut

This function allows the guide sound to be turned on/off anytime to suit the use situation.

Turning the guide sound on/off

1. When the HOME screen is open, press and hold  .
ENTER



This turns on/off the guide sound.



Home Screen



A notification about the switch will be shown (and announced with the guide sound).

Notes about this manual

- The microSD, microSDHC and microSDXC logos are trademarks.
- USB Type-C is a trademark of the USB Implementers Forum.
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