

## Zoom unveils the H2essential Multi-Mic Handy Recorder



### Overview

#### Facts

- Zoom unveils the H2essential Multi-Mic Handy Recorder
- 32-bit float recording
- Up to 96kHz sample rate
- 3 built-in microphones
- 9 ways to record
- 360 degree recording
- Built-in X/Y stereo Mic + M/S Stereo Mic with selectable pattern
- +48V phantom power
- 1x 3.5mm stereo input with plug-in power
- iOS App remote control and Timecode sync with optional BTA-1 Adapter
- High contrast Color LCD with waveform display
- Accessibility for the visually impaired
- Can be used as USB-Mic with simultaneously recording to SD card

**Product name**  
H2essential

**Brand**  
Zoom

**Exclusive distribution**  
Sound Service GmbH  
UK: Sound Service MSL Distribution Ltd

**Website**  
[www.sound-service.eu](http://www.sound-service.eu)  
[www.soundservice-msl.co.uk](http://www.soundservice-msl.co.uk)  
[www.zoomcorp.com](http://www.zoomcorp.com)

**RRP incl. VAT**  
189,- Euro incl. 19%VAT  
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**Availability**  
Q4 2024

**Media**  
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**Products for review**  
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Zoom is pleased to announce the H2essential Multi-Mic Handy Recorder. The H2essential is our most flexible recorder for creators. With 3 built-in microphones and the ability to record in mono, stereo 90degrees, stereo 120degrees or 360 degrees surround, the H2essential offers 9 ways to record music, interviews, podcasts, conferences, ambience streaming and video calls with clip free 32-bit float audio. You can also record in MS-Raw which enables you to adjust the stereo width in post production after recording. The H2essential features a 3.5mm stereo input for connecting line sources or a lavalier mic, a built-in mixer, a headphone output, an onboard speaker and a color LCD display which shows the waveform of all tracks while recording.

With the optional BTA-1 Bluetooth Adapter, you can pair one or more H2essential with your iOS device to hit record remotely and sync timecode. The H2essential is also designed with accessibility for the blind and visually impaired in mind. When navigating the menu, audible instructions are output via the built-in speaker or headphones. And you can connect the H2essential via USB-C to a PC, Mac iOS, or Android device and use it as an USB microphone while simultaneously recording to the SD card. The H2essential is our most versatile recorder and will ship end of Q4 2024.

Product video Zoom H2essential: <https://bit.ly/4d3qVDL>

#### Content of this Press Release:

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- RECORDING AUDIO-FOR-VIDEO WITH YOUR PHONE
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- 3.5MM INPUT
- BUILT-IN MIXER
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- HEADPHONE OUTPUT
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**Berlin, 20th of September 2024** – Introducing the H2essential Multi-Mic Handy Recorder! The H2essential is the only Handy Recorder with three internal microphones. With the ability to select different mic patterns, it gives creators more options than ever before.

## **FRONT, BACK, AND SIDE TO SIDE**

With two cardioid mics facing front and rear and a bi-directional mic facing side to side, the H2essential allows you to choose the perfect pick-up pattern for every recording.

## **3 MICS... 9 WAYS TO RECORD**

Set your pickup pattern to 90° or 120° stereo, or choose mono for a hyper directional pickup, reducing background noise. Then choose to record from the front, rear, or activate both sides for surround sound pickup.

## **POWERED BY 32-BIT FLOAT**

Record in 32-bit float up to 96kHz ensuring high-quality audio without ever having to set gain.

## **32-BIT FLOAT USB MIC**

When connected to a PC, Mac, iOS, or Android device using the USB-C port, the H2essential can be used as a USB microphone while simultaneously recording to the SD card.

## **RECORDING AUDIO-FOR-VIDEO WITH YOUR PHONE**

Connect the H2essential to your mobile device via USB and record professional audio directly onto your phone's video. Perfect for video podcasts and live streams.

## **ADJUST YOUR MID-SIDE RECORDINGS IN POST**

Record in MS Raw and adjust the width of the stereo image in post production. This is helpful when you want to control ambient noise.

## **FEATURES YOU'LL LOVE**

The H2essential has advanced features such as a low cut filter, pre-record, auto record, and playback speed adjustment.

## **ZOOM HANDY CONTROL & SYNC**

Using the BTA-1\* Bluetooth Adapter, pair one or more H2essentials with your iOS device to remotely hit record and sync timecode.

\*Please note: BTA-1 Adapter not included

## **ACCESSIBILITY**

The H2essential is designed with Accessibility for the blind and visually impaired. Navigate the menu with audible descriptions through the built-in speaker or headphones. Creators can choose English, Spanish, French, Japanese, German, Italian or Chinese.\*

## **CUSTOM FIT WINDSCREEN\***

The specially designed windscreen for the H2essential provides wind protection when recording outdoors. The custom fit gives access to controls while the windscreen is attached.

\*Windscreen Sold Separately with H2essential Accessory Pack

## **3.5MM INPUT**

The 3.5mm input can accommodate audio players, keyboards, and lav mics with plug-in power. You can record with the front mic and the 3.5mm input simultaneously.

## **BUILT-IN MIXER**

Use the mixer to easily adjust each track's audio level.

## **COLOR LCD WAVEFORM DISPLAY**

The color LCD screen makes it easy to navigate through the H2essential's simple interface. The real-time waveform display lets you see your audio as it records.

## **HEADPHONE OUTPUT**

Use the 3.5mm headphone output for headphones or connect directly to a camera.

## **ONBOARD SPEAKER**

The onboard speaker allows you to listen to your recordings for quick reference as well as utilize the Accessibility functions.

## **HIGH CAPACITY STORAGE**

The H2essential supports SDXC cards up to 1TB.

**SET MARKERS**

The H2essential has a dedicated Marker button to instantly set reference points while recording.

**POWER OPTIONS**

The H2essential can be powered by two AA batteries or via the USB-C port. This includes bus-power as well as external USB battery packs.

(520 words / 2740 characters)

**TECHNICAL SPECIFICATIONS**

Inputs	Built-in mic (mid) (FRONT/REAR)	Pickup pattern	Unidirectional
		Sensitivity	-37 dB/Pa at 1 kHz
		Maximum sound pressure input	120 dB SPL
	Built-in mic (side)	Pickup pattern	Bidirectional
		Sensitivity	-39 dB/Pa at 1 kHz
		Maximum sound pressure input	122 dB SPL
	MIC/LINE IN jack	Connector	Stereo mini jack
		Input impedance	2 k $\Omega$
		Maximum input level	-7 dBu
		Plug-in power	3.3 V
Output	PHONE/LINE OUT jack	Connector	Stereo mini jack
		Maximum output level	20 mW + 20 mW (when 32 $\Omega$ load)
		Output impedance	10 $\Omega$ or less
	Built-in speaker	Type	20 mm x 30 mm elliptical dynamic speaker
		Effective maximum output	250 mW
Recorder		Recording format	WAV
			44.1, 48 or 96 kHz / 32-bit float
			Stereo/mono
			BWF and iXML formats supported
		Recording media	microSDHC memory cards
			microSDXC memory cards
Display			1.3" full-color LCD (240 x 240)
USB	Connector		USB Type-C
			• Use a USB cable that supports data transfer.
			USB bus power is supported.
	Audio Interface		USB 2.0 High Speed
		Input and output channels	4 in / 2 out (Multi)  2 in / 2 out (Stereo)

Sampling frequencies	44.1/48/96 kHz (audio interface only)
	44.1/48 kHz (audio interface + onboard recording)
Bit depths	24-bit, 32-bit float
File transfer	USB 2.0 High Speed
Power	2 AA batteries (alkaline, lithium, or rechargeable NiMH)
	AC adapter (ZOOM AD-17): DC 5V/1A
Estimated continuous operation times using batteries	• USB bus power is supported.
	Alkaline batteries: about 11 hours, NiMH batteries (1900 mAh): about 9 hours, Lithium batteries: about 20.5 hours
<p>• These values are approximate. • Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.</p> <p>• Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.</p>	Alkaline batteries: about 8 hours, NiMH batteries (1900 mAh): about 8 hours, Lithium batteries: about 17.5 hours
	Alkaline batteries: about 4 hours, NiMH batteries (1900 mAh): about 4.5 hours, Lithium batteries: about 9.5 hours
Power consumption	3 W maximum
Dimensions	60 mm (W) × 44 mm (D) × 97 mm (H)
Weight (including batteries)	170 g
Note: 0 dBu = 0.775 Vrms	

## About the Zoom Corporation

WE'RE ZOOM. AND WE'RE FOR CREATORS.

Zoom designs and produces a wide array of recording devices, multi-effects processors, effects pedals, digital mixers, and samplers. Our innovative, cutting-edge technology is trusted world-wide by sound designers, musicians, podcasters, filmmakers, location sound professionals, electronic news gatherers, and pretty much anyone who creates amazing, important things.

Zoom's corporate culture is a fusion of engineers and artists; a combination of advanced technological skills and the sense and desire to employ them creatively and imaginatively. Our mission is to design, develop and manufacture high-end, and easy-to-use creative tools that allow anyone, from amateur to professional, to more freely express their creative ideas in today's digitally-driven world.

## About the Company Sound Service European Music Distribution

Founded in 1983, the Berlin based Sound Service European Music Distribution has been growing steadily from a one-product-distributor (MFB Fricke; the world's first digital drummachine) to one of the major independent german distribution companies for musical instruments recording studio equipment and PA, Lightning and DJ products. Today Sound Service is one of the leading distribution companies in Europe with exclusive distribution rights for a lot of the A-List MI-brands covering most of the countries in Europe.