

Zoom unveils the H6essential 32-Bit Handy Recorder at NAMM 2024



Zoom is delighted to announce the H6essential. The H6essential is our new flagship Handy Recorder. With dual AD converters, 32-bit float recording, 6 recording tracks, 4 XLR/jack combo inputs and an interchangeable XY microphone capsule that can handle up to 135dB SPL, the H6essential offers unprecedented quality and unmatched versatility. All our new recorders are designed with accessibility for the blind and visually impaired. Navigate the menu with audible descriptions through the built-in speaker or headphones. The H6essential can be used as a 32-bit float audio interface via USB-C on the computer, and you can also record to the internal SD card at the same time. Using the optional BTA-1 Bluetooth adapter, the H6essential can be synchronized via timecode and controlled remotely via the iOS app. The new H6essential is a real powerhouse and therefore perfect for musicians, filmmakers and podcasters. The H6essential will be shipping in Q2 2024.

Product video Zoom H6essential: <https://bit.ly/3UfDENW>

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Overview

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- Zoom unveils the H6essential 32-Bit Float Handy Recorder
- Dual AD Converter
- 32-Bit Float Recording
- 6 tracks
- 4 XLR/jack combo Inputs with locking connectors
- New Capsule System 3.0
- Incl. X/Y Capsule which handles up to 135dB SPL
- Accessibility for visually impaired people
- Waveform display
- Built-in mixer
- Remote Control via iOS App
- Timecode support
- 6-in/2-out 32-Bit Float USB-C audio interface
- Simultaneous recording to SD card and USB

Product name
H6essential

Brand
Zoom

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

Website
www.sound-service.eu
www.zoomcorp.com

RRP incl. VAT
391,51 Euro incl. 19% VAT
342,- GBP incl. 20% VAT

Availability
Q2 2024

Media
Press download incl. images
<https://blog.sound-service.eu/press-kits/>

Products for review
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Berlin, 25th of January 2024 – Introducing the new H6essential - our most robust handheld recorder, the H6essential is a recording powerhouse. With 6 tracks of 32-bit float recording, the H6essential provides unprecedented quality and unmatched versatility.

STEP UP TO 32-BIT FLOAT

With 32-bit float and dual AD converters the H6essential captures huge dynamic range. This gives creators the ability to record perfect audio, clip-free every time.

THE FIRST RECORDERS WITH ACCESSIBILITY

The Essential Series was 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.*

SIX PERFECT TRACKS

The 4 XLR/TRS combo inputs feature ultra-clean Zoom preamps, and the included X/Y microphones can capture up to a booming 135 dB SPL, equivalent to a jet taking off.

NEXT GENERATION 3.0 CAPSULE SYSTEM

The H6essential's 3.0 capsule system has been updated to support 32-bit float and gives creators more options to use the right mic for their recording.

RECORD AND STREAM

Use the USB-C port to connect to PC, Mac, iOS, and Android device to use the H6essential as a 32-bit float interface while simultaneously recording all 6 tracks to an SD card.

FOR MUSICIANS

The H6essential is a portable studio. Mic up to 4 instruments using the XLR inputs and use the X/Y microphones to capture the full ensemble in beautiful stereo.

FOR FILMMAKERS

32-bit float recording gives filmmakers confidence with every take. The interchangeable capsules, 4 XLR inputs and wireless timecode make the H6essential invaluable on any set.

FOR PODCASTERS

When everyone wants to be on your podcast, the H6essential has you covered with 4 XLR inputs. For two additional XLR inputs, connect the optional EXH-6e capsule.

WAVEFORM DISPLAY

The H6essential has a waveform display so you can see your audio as it records.

BUILT-IN MIXER

For full control of your mix, hit the 'Mixer' button and quickly adjust your levels.

PAIR WITH YOUR iOS DEVICE

Use the BTA-1* Bluetooth Adapter to pair with your iOS device to remotely hit record, adjust your mix, view your waveforms, and change settings.

BLUETOOTH TIMECODE SYNC

With the BTA-1* Bluetooth Adapter you can also pair with Bluetooth timecode devices for audio and video sync.

**Please note: BTA-1 Adapter not included*

REMOVE THE MICS

When the X/Y mic is not needed, detach the capsule and use the included cap for a low profile setup.[\[1\]](#)

QUIETER CONTROLS

Recording and rotary controls have been meticulously designed to allow for silent operation.

LISTEN BACK WITH THE ONBOARD SPEAKER

Use the improved onboard speaker to listen to your recordings for quick reference.

OUTPUTS YOU NEED

Use the line output to connect to a camera and the headphone output to monitor your audio.

HIGHER VISIBILITY

The new full-color LCD screen provides you with a more vivid view as you record and navigate the menu.

CAPSULES:*XYH-6e Stereo Mic Capsule (Included)*

Adds 2 high-quality microphones in a X/Y stereo arrangement. This arrangement is most sensitive to audio directly in front while also capturing a clean stereo image.

SSH-6e Stereo Shotgun Capsule

The SSH-6e includes a super-directional microphone to pick up sound in the center, as well as a bidirectional side mic to pick up sounds from the left and right. The mid-side stereo image is adjustable from mono to ultra wide stereo pickup. You can capture dialogue with the center mic, then mix in the desired amount of environmental sound captured by the side mic.

EXH-6e Input Capsule

If you need more inputs, simply plug in the EXH-6e dual XLR/TRS combo capsule. This allows you to connect 2 additional microphones, instruments, or line-level sources. Phantom power can be applied if you connect power to the USB-C port on the capsule. There is also a 3.5mm jack for line or mic level input with plug in power available for lavalier mics.

(638 words / 3298 characters)

TECHNICAL SPECIFICATIONS

INPUTS	CHANNELS		2(MIC Capsule) + 4(XLR/TRS INPUTS)
	MIC INPUT	MIC TYPE	Unidirectional
		SENSITIVITY	-42 dB, 1 kHz at 1 Pa
		INPUT GAIN	Adjustment unnecessary (dual AD converter circuits used)
		MAX SOUND PRESSURE INPUT	135 dB SPL
	XLR/TRS INPUTS	CONNECTORS	XLR/TRS combo jacks (XLR: 2 HOT / TRS: TIP HOT)
		INPUT GAIN	Adjustment unnecessary (dual AD converter circuits used)
		INPUT IMPEDANCE	MIC: 3 kΩ or more LINE: 3 kΩ or more
		MAXIMUM INPUT LEVEL	XLR: +4 dBu TRS: +24 dBu
		PHANTOM POWER	+48V
OUTPUTS	LINE OUT	EQUIVALENT INPUT NOISE	-120 dBu or less
		CONNECTOR	1/8" stereo mini jack
	HEADPHONE	MAXIMUM OUTPUT LEVEL	+2 dBu
		CONNECTOR	1/8" stereo mini jack
	BUILT-IN SPEAKER	MAXIMUM OUTPUT LEVEL	20 mW +20 mW(32 Ω load)
		CONNECTOR	500mW/8Ω mono speaker

PRESS RELEASE



RECORDING	RECORDING MEDIA		4GB–32GB microSDHC cards 64GB–1TB microSDXC cards
	WAV	SUPPORTED FORMATS	44.1/48/96kHz 32-bit float BWF and iXML
		MAXIMUM SIMULTANEOUS RECORDING TRACKS	44.1/48kHz: 8 (2 MIC Capsule + 4 XLR/TRS INPUTS + 2 LR) 96kHz: 6 (2 MIC Capsule + 4 XLR/TRS INPUTS)
DISPLAY	LCD		2.00" full color (320 × 240)
POWER SUPPLIES	BATTERIES		4 AA
	AC ADAPTER		ZOOM AD-17 (DC 5 V/1 A) • USB bus power is supported.
USB	CONNECTOR		USB Type-C
	MASS STORAGE	CLASS	USB 2.0 High Speed
	AUDIO INTERFACE	CLASS	USB 2.0 High Speed
		SAMPLING RATE	Multi Track mode:44.1/48/96kHz Stereo Mix mode:44.1/48/96kHz
		BIT RATE	24-bit/32-bit float
		CHANNELS	Multi Track mode:6 in/2 out Stereo Mix mode:2 in/2 out
	BTA-1		Support (iOS App)
ESTIMATED CONTINUOUS OPERATION TIME USING BATTERIES			Alkaline batteries: about 18 hours 48 kHz/32-bit float, Mic Capsule 2ch recording

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.