

Zoom unveils the H5studio Handy Recorder



Zoom is pleased to announce the H5studio Handy Recorder. The new H5studio offers the best of both worlds with 32-bit float and dedicated gain knobs—no clipping and no need for post-production. Featuring the largest mic capsules ever on a Handy Recorder, the H5studio captures recordings with unmatched depth and clarity up to 140dB SPL with an impressive dynamic range of 132dB thanks to the mic preamps and dual AD converters derived from our flagship F-series recorders. And the “advanced look-ahead” limiters prevent distortion before it reaches your track.

The H5studio is compatible to Zoom’s Mic Capsule System 3.0 and captures up to six tracks (four iso-tracks plus a stereo mix) with sample rates up to 192 kHz. It features 2 locking XLR/TRS inputs + 1 stereo mini-jack input with plug-in power and a full color LCD display for realtime waveform display and level monitoring. The H5studio is also a 4-in/2-out USB audio interface for Mac, Windows, iOS, and Android, supporting 32-bit float and 16/24-bit recording. Stream live and simultaneously record a backup to microSD.

As all our new recorders the H5studio is designed with accessibility for the blind and visually impaired. Navigate the menu with audible descriptions through the built-in speaker or headphones. And with the new ZOOM Handy Control & Sync app for iOS, you can remotely manage multiple Zoom recorders*, control start/stop, and synchronize timecode effortlessly. (Current compatible models: H2essential, H5studio, BTA-1 or TCA-1 required.)
The new H5studio will ship in Q3 2025.

Product video Zoom H5studio Handy Recorder: <https://bit.ly/3DBePpN>

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Overview

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- Zoom unveils the H5studio Handy Recorder
- 32-Bit Float Recorder with dedicated gain knobs to avoid post production
- X/Y stereo mic with large 19,4mm mic capsules and 140dB max SPL
- F-series mic preamps
- Dual AD converter
- 2 locking XLR/TRS inputs
- 1 3.5mm stereo input with plug-in power
- 6 tracks with up to 192 kHz
- “Advanced look-ahead” limiters
- Full color LCD display
- Accessibility for the blind and visually impaired
- Wireless control via App
- Compatible to ZOOM TCA-1 Timecode adapter
- Battery powered by 4 AA batteries
- Records to microSDXC or microSDHC cards up to 2TB
- 4-in/2-out 32-bit float USB audio interface

Product name
H5studio

Brand
Zoom

Exclusive distribution
EU: Sound Service GmbH
UK: Sound Service U.K. Ltd

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

RRP incl. VAT
399,- Euro incl. 19%VAT
344,- GBP incl. 20% VAT

Availability
Q3 2025

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

Products for review
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Berlin, 21th of March 2025 – Introducing the H5studio Handy Recorder! The H5studio was made for seamless and professional production. Creators can record flawless audio with stunningly clear microphones, studio-grade preamps, and 32-bit float recording.

THE LARGEST MICS EVER ON A HANDY RECORDER

The 19.4mm microphones capture audio with incredible frequency response, 140 dB max SPL, and an expansive dynamic range. Their increased size captures recordings with unmatched depth and clarity.

F-SERIES POWER, NOW IN YOUR HANDS

The H5studio features our F-series preamps, giving your audio unmatched clarity (-127 dBu EIN). With dual AD converters and 32-bit float, it delivers an impressive 132dB dynamic range, capturing everything without noise or distortion.

COMPLETE CONTROL, ZERO CLIPPING

32-bit float and 16/24-bit formats each have their advantages. 32-bit float prevents clipping but requires post-production. 16/24-bit eliminates the need for post-processing but requires gain adjustment to prevent clipping.

The H5studio offers the best of both worlds with 32-bit float and dedicated gain knobs—no clipping and no need for post-production.

SIX TRACKS UP TO 192 KHZ

The H5studio captures up to six tracks (four iso-tracks plus a stereo mix) with sample rates up to 192 kHz.

PROTECT YOUR SOUND

Carefully engineered RF shielding keeps interference from smartphones and Wi-Fi routers out of your recordings, anywhere you go.

ADVANCED LIMITERS

The H5studio features “advanced look-ahead” limiters which anticipate potential overloads and prevent distortion before it reaches your track.

THE INPUTS

The two locking XLR/TRS inputs support +48V phantom power and +4dBu line level. There is also a 3.5mm stereo jack with plug-in power.

NEXT GENERATION CAPSULE SYSTEM

The H5studio’s 3.0 capsule system* supports 32-bit float and gives creators more options to use the right mic for their recording.

**Compatible with SSH-6e , EXH-6e*

WAVEFORMS & LEVELS

Monitor input levels and real-time waveforms with the full color LCD, making it easy to adjust and monitor audio in real time.

THE OUTPUTS

Headphone Out

Use the loud 20 mW headphone output to monitor or listen back to your recordings in any environment.

Line Out

Use the 3.5mm stereo LINE OUT to connect directly to a camera, easily syncing your audio and video.

Onboard Speaker

The built-in speaker has a maximum output of 250mW for previewing recordings on the spot.

USB AUDIO INTERFACE

The H5studio is a 4-in/2-out USB audio interface for Mac, Windows, iOS, and Android, supporting 32-bit float and 16/24-bit recording. Stream live and simultaneously record a backup to microSD.

SYNC SMARTER

The TCA-1 timecode adapter* generates and outputs timecode or jams to an external clock. You can also receive wireless timecode from the ATOMOS® UltraSync BLUE.**

**Available separately, releasing summer 2025*

***TCA-1 or BTA-1 Required*

WIRELESS CONTROL

With the ZOOM Handy Control & Sync app for iOS, you can remotely manage multiple Zoom recorders*, control start/stop, and synchronize timecode effortlessly.**

**Current compatible models: H2essential, H5studio*

*** BTA-1 or TCA-1 required.*

PREMIUM FEATURES

PRESS RELEASE



- Mono mode for recording interviews, narration, and vocals
- Low-cut filter to suppress low-frequency noise
- Normalizing and exporting audio files in 24-bit/16-bit WAV formats
- Variable speed playback (0.5 to 1.5x) and A-B repeat playback of recorded files
- The recording start tone function useful for aligning audio with DSLR video

UP TO 2TB OF STORAGE

The H5studio uses microSDHC/microSDXC cards up to 2TB*.

*sold separately

POWER UP

Operates on 4 AA alkaline batteries for up to 15 hours of recording. Power through the USB port using a USB mobile battery or AC adapter (sold separately: AD-17).

ACCESSIBILITY

The H5studio 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.*

ACCESSORY PACK

The optional accessory pack (APH-5s) includes a padded shell case, hairy windscreen, AC adapter, and USB-C cable.

(657 words / 3527 characters)

TECHNICAL SPECIFICATIONS

<i>Input and output channels</i>	<i>Inputs</i>	<i>Mic capsule</i>	1
		<i>MIC/LINE (mono)</i>	2
	<i>Outputs</i>	<i>LINE OUT</i>	1
		<i>Headphone</i>	1
		<i>Built-in speaker (mono)</i>	1
<i>Inputs</i>	<i>XY mic: XYH-5s</i>	<i>90° XY stereo format</i>	
		<i>Pickup pattern</i>	<i>Unidirectional</i>
		<i>Sensitivity</i>	<i>−41 dB/Pa at 1 kHz</i>
		<i>Maximum sound pressure input</i>	<i>140 dB SPL</i>
		<i>MIC/LINE IN: XYH-5s</i>	
	<i>MIC/LINE (mono)</i>	<i>Connector</i>	<i>1 stereo mini jack</i>
		<i>Input gain</i>	<i>−∞ – +60 dB</i>
		<i>Input impedance</i>	<i>2 kΩ or more</i>
		<i>Connectors</i>	<i>2 XLR/TRS combo jacks (XLR: 2 HOT, TRS: TIP HOT)</i>
		<i>Input gain</i>	<i>−∞ – +60 dB</i>
		<i>Input impedance</i>	<i>MIC: 3 kΩ or more LINE: 3 kΩ or more</i>
		<i>Maximum input level</i>	<i>MIC: +4 dBu LINE: +24 dBu</i>
		<i>Phantom power</i>	<i>+48 V</i>
		<i>Equivalent input noise –</i>	<i>−127 dBu or less (IHF-A) at 150Ω input</i>
<i>Outputs</i>	<i>LINE OUT</i>	<i>Connector</i>	<i>1 stereo mini jack</i>
		<i>Maximum output level</i>	<i>+1 dBu</i>
	<i>Headphone</i>	<i>Connector</i>	<i>1 stereo mini jack</i>

		Maximum output level	20 mW + 20 mW (when 32 Ω load)
		Output impedance	10 Ω or less
	Built-in speaker	Type	20 mm x 30 mm elliptical dynamic speaker
		Effective maximum output	250 mW
Recorder		Maximum simultaneous recording tracks	6
		Maximum simultaneous playback track	4
		Recording format	WAV 44.1/48/96/192 kHz 16-bit/24-bit/32-bit float mono/stereo BWF and iXML formats supported microSDHC memory card, microSDXC memory cards See the ZOOM website (zoomcorp.com/help/h5studio) for information about microSD cards that have been confirmed to work with this 2.00" full-color LCD (320 x 240)
Display		Recording media	
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 frequency	44.1/48/96 kHz (audio interface only) 44.1/48 kHz (audio interface + onboard recording)
		Bit depth	24-bit, 32-bit float
	File transfer		USB 2.0 High Speed
Remote			Dedicated wireless adapter (ZOOM BTA-1) 4 AA batteries (alkaline, lithium, or rechargeable NiMH batteries); USB bus power is supported.
Power		Batteries	
Estimated continuous recording time using batteries		2-track (XYH-5s) recording at 48 kHz/32-bit float with phantom power off, no headphones, no LINE OUT, no REMOTE, Power Saving on, Display Brightness Medium 4-track (XYH-5s and inputs 1–2) recording at 48 kHz/32-bit float with phantom power off, headphones used (33 Ω load), no LINE OUT, no REMOTE, Power Saving on, Display Brightness Medium	Alkaline batteries: about 15 hours NiMH batteries (1900 mAh): about 13 hours Lithium batteries: about 21 hours
		• These values are approximate.	Alkaline batteries: about 6 hours NiMH batteries (1900 mAh): about 6 hours Lithium batteries: about 11.5 hours
		• Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.	

PRESS RELEASE



Power consumption

5 W maximum

Dimensions

*86.0 mm (W) × 206.0 mm (D)
× 54.6 mm (H)*

Weight (including batteries)

410 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.