

PRESS RELEASE

Zoom unveils the H6studio Handy Recorder



Zoom is pleased to announce the H6studio Handy Recorder. Featuring large-diaphragm XY microphones and four studio-grade preamps, the H6studio supports 32-bit float or classic 24-bit recordings with a simple format switch. It also has dedicated gain knobs to avoid additional post production. The H6studio's F-series preamps deliver ultra-clean audio (-127 dBu EIN). When paired with their dual A/D converters they provide an impressive 132 dB of dynamic range.

The "advanced look-ahead" limiters also prevent distortion from reaching your track. Utilising Zoom's Mic Capsule System 3.0, the H6studio can capture up to eight tracks (six mono tracks plus a stereo mix) at sample rates of up to 192 kHz. It features four locking XLR/TRS inputs and one stereo mini-jack input with plug-in power, as well as an angled, full-colour LCD display for real-time waveform display and level monitoring. The H6studio also functions as a 6-in/2-out USB audio interface for Mac, Windows, iOS and Android devices, supporting 32-bit float and 16/24-bit recording. You can stream live and simultaneously record a backup to microSD.

Like all our new recorders, the H6studio is designed to be accessible to blind and visually impaired users. You can navigate the menu with audible descriptions through the built-in speaker or headphones. With the new ZOOM Handy Control & Sync app for iOS, you can also remotely manage multiple Zoom recorders*, control start/stop and effortlessly synchronise timecode. Current compatible models: H2essential, H5studio and H6studio (BTA-1 or TCA-1 required). The new H6studio will ship in Q4 2025.

Product video Zoom H6studio Handy Recorder: <https://bit.ly/45A8RPP>

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Overview

Facts

- Zoom unveils the H6studio 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
- 4 F-series mic preamps
- Dual AD converter
- 4 locking XLR/TRS inputs
- 1 3.5mm stereo input with plug-in power
- Physical format switch 32-bit/24-bit
- 8 tracks with up to 192 kHz
- "Advanced look-ahead" limiters
- Full color LCD display
- Accessibility for the blind and visually impaired
- Wireless Control and Sync App
- Compatible to ZOOM TCA-1 Timecode adapter
- Battery powered by 4 AA batteries
- Records to microSDXC or microSDHC cards up to 2TB
- 6-in/2-out 32-bit float USB audio interface

Product name
H6studio

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
449,- Euro incl. 19% VAT
384,- GBP incl. 20% VAT

Availability
Q4 2025

Media
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Products for review
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Berlin, 18th of August 2025 – Introducing the H6studio Handy Recorder! The H6studio features large-diaphragm XY microphones, four studio-grade preamps, and 32-bit float recording with dedicated gain knobs. Built with F-Series technology, it's the most advanced Handy Recorder to date.

THE POWER OF F-SERIES PREAMPS

The H6studio's F-series preamps deliver ultra-clean audio (-127 dBu EIN). Paired with dual A/D converters and 32-bit float recording, they provide 132 dB of dynamic range capturing every nuance.

CAPTURE BIGGER SOUND

The H6studio's 19.4mm microphones capture a rich, flat-response with 123 dB of dynamic range and can withstand 140 dB SPL, enough for a jet engine.

A PERFECT PAIR

The H6studio's mics are stacked at a 90° angle to form a perfect X/Y pair.

This minimizes phase cancellation commonly experienced with AB and other mic arrangements that can result in hollow sound.

SWITCH FORMATS, NOT RECORDERS

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 H6studio offers the best of both worlds with 32-bit float and dedicated gain knobs—no clipping and no need for post-production. And with the dedicated format switch, you can adapt your workflow quickly.

6 TRACKS + STEREO MIX

The H6studio supports sampling rates from 44.1 to 192 kHz. Capture up to 8 tracks* at once - 6 individual tracks plus a stereo mix.

**Up to 8 tracks (6 inputs + 2 stereo mixes) at 96kHz*

Up to 6 tracks (6 inputs) at 192kHz

THE NOISE STOPS HERE

Carefully designed RF shielding blocks interference from smartphones and Wi-Fi. The mics on the XYH-5s capsule use shock mounting to reduce handling noise.

LIMITERS THAT THINK AHEAD

The H6studio's advanced "look-ahead" limiters catch peaks early to prevent distortion, avoiding clipping in 16/24-bit and removes the need for post-recording adjustments when using 32-bit float.

FOUR XLR/TRS INPUTS + STEREO MINI JACK

The H6studio includes four locking XLR/TRS inputs with +48V phantom power and +4dBu line-level support, plus a stereo mini jack*.

**supports plug-in powered mics.*

NEXT GENERATION CAPSULE SYSTEM

The H6studio'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, WLM-1, XYH-6e*

WIRELESS CAPSULE

The WLM-1* is a dual-channel wireless system that comes with two transmitters and a receiver. The transmitter's built-in microphone captures clear, balanced audio at volumes up to 130 dB SPL.

** Available in 2026, compatible with Capsule System 3.0*

SEE YOUR SOUND IN REAL TIME

See both the input level peaks and the recording waveforms at the same time. Tap the DISP key to switch between level meter only or waveform view.

VERSATILE OUTPUT OPTIONS

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 H6studio is a 6-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.

PRECISION SYNC, WIRELESS FREEDOM

The TCA-1 timecode adapter* generates and outputs timecode or jams to an external clock with .5 ppm accuracy. You can also receive wireless timecode from the ATOMOS® UltraSync BLUE.**

**Available separately, releasing 2025*

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

HANDY CONTROL & SYNC

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: H6studio, H5studio, H2essential*

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

PREMIUM FEATURES

- Mono mode for recording interviews, narration, and vocals
- Low-cut filter to suppress low-frequency noise
- Normalize and export audio files in 24-bit/16-bit WAV formats
- Variable speed playback (0.5 to 2.0x) and A-B repeat playback of recorded files
- The recording start tone function useful for aligning audio with video
- The H6studio uses microSDHC/microSDXC cards up to 2TB*

**SD card sold separately*

15-HOUR BATTERY

Operates on 4 AA batteries for up to 15 hours of recording. Power through the USB port using a USB mobile battery or AC adapter.*

**AD-17 sold separately*

DESIGNED FOR EVERYONE

The H6studio 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.*

COMPLETE YOUR SETUP

The optional accessory pack (APH-6st) includes a padded shell case, hairy windscreen, AC adapter, and USB-C cable.

(743 words / 4217 characters)

TECHNICAL SPECIFICATIONS

<i>Input and output channels</i>	<i>Inputs</i>	<i>Mic capsule</i>	<i>1</i>
		<i>MIC/LINE (mono)</i>	<i>4</i>
	<i>Outputs</i>	<i>LINE OUT</i>	<i>1</i>
		<i>Headphone</i>	<i>1</i>
		<i>Built-in speaker (mono)</i>	<i>1</i>
<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>	140 dB SPL
	<i>MIC/LINE IN: XYH-5s</i>	<i>Connector</i>	1 stereo mini jack
		<i>Input gain</i>	−∞ – +60 dB
		<i>Input impedance</i>	2 kΩ or more
	<i>MIC/LINE (mono)</i>	<i>Connectors</i>	4 XLR/TRS combo jacks (XLR: 2 HOT, TRS: TIP HOT)
		<i>Input gain</i>	−∞ – +60 dB
		<i>Input impedance</i>	MIC: 3 kΩ or more LINE: 3 kΩ or more
		<i>Maximum input level</i>	MIC: +4 dBu LINE: +24 dBu
		<i>Phantom power</i>	+48 V
		<i>Equivalent input noise –</i>	−127 dBu or less (IHF-A) at 150Ω input
<i>Outputs</i>	<i>LINE OUT</i>	<i>Connector</i>	1 stereo mini jack
		<i>Maximum output level</i>	+1 dBu
		<i>Output impedance</i>	110 Ω or less
	<i>Headphone</i>	<i>Connector</i>	1 stereo mini jack
		<i>Maximum output level</i>	20 mW + 20 mW (when 32 Ω load)
		<i>Output impedance</i>	10 Ω or less
	<i>Built-in speaker</i>	<i>Type</i>	20 mm × 30 mm elliptical dynamic speaker
		<i>Effective maximum output</i>	250 mW
<i>Recorder</i>		<i>Maximum simultaneous recording tracks</i>	8
		<i>Maximum simultaneous playback track</i>	6
		<i>Recording format</i>	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/h6studio) for information about microSD cards that have been confirmed to work with this unit.
		<i>Recording media</i>	2.00" full-color LCD (320 × 240)
<i>Display</i>			
<i>USB</i>		<i>Connector</i>	USB Type-C
			• Use a USB cable that supports data transfer. USB bus power is supported.
		<i>Audio interface</i>	USB 2.0 High Speed
		<i>Input and output channels</i>	6-in/2-out (Multi) 2 in / 2 out (Stereo)
		<i>Sampling frequency</i>	44.1/48/96 kHz (audio interface only)

Bit depth

24-bit, 32-bit float

File transfer

USB 2.0 High Speed

Remote

Dedicated wireless adapter
(ZOOM BTA-1)

Power

Batteries

4 AA batteries (alkaline,
lithium, or rechargeable NiMH
batteries); USB bus power is
supported.

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
6-track (XYH-5s and inputs 1–
4) recording

Alkaline batteries: about 15
hours NiMH batteries (1900
mAh): about 16 hours
Lithium batteries: about 26
hours

• These values are approximate.

at 48 kHz/32-bit float with
phantom power off,
headphones used (33Ω load),
no LINE OUT, no REMOTE,
Power Saving on, Display
Brightness Medium
6-track (XYH-5s and inputs 1–
4) recording

Alkaline batteries: about 4.5
hours NiMH batteries (1900
mAh): about 5 hours
Lithium batteries: about 11
hours

at 192 kHz/32-bit float with
phantom power on,
headphones used (33Ω load),
LINE OUT used (10Ω load),
REMOTE used (BTA-1),
Power Saving on, Display
Brightness Bright

Alkaline batteries: about 2
hours NiMH batteries (1900
mAh): about 3 hours
Lithium batteries: about 6.5
hours

• Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.

Power consumption

5 W maximum

Dimensions

83.0 mm (W) × 221.0 mm (D)
× 54.5 mm (H)

Weight (including batteries)

477 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.