

PRESS RELEASE

Zoom H4n Pro Black



Zoom today unveils the new H4n Pro Black. The H4n Pro Black features a whole new look and feel and a bunch of tried and tested features. Advanced X/Y microphones, incredibly natural-sounding preamps, and built-in cutting-edge effects make the H4n Pro the ultimate portable recorder for musicians, filmmakers, podcasters and journalists.

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Rangsdorf, 22nd of August 2019 – We are pleased to introduce a brand-new product from Zoom. The Zoom H4n Pro Black. The H4n Pro Black features a whole new look and feel and a bunch of tried and tested features. Advanced X/Y microphones, incredibly natural-sounding preamps, and built-in cutting-edge effects make the H4n Pro the ultimate portable recorder for musicians, filmmakers, podcasters and journalists.

A New Look on a Classic Design

Meant to travel anywhere, the H4n Pro's design is the gold standard in portable recording. Available in Classic and All Black finish.

The Ultimate Handheld Recording Studio

With onboard X/Y microphones, two combo input jacks, overdubbing, effects, and more, the H4n Pro is packed with features that allow musicians to create songs from start to finish.



Overview

Facts

- Zoom introduces H4n Pro Black Handy Recorder
- 4 recording tracks
- Integrated X/Y microphone capsules
- All-new, sturdy black design

Product name

H4n Pro Black

Brand

Zoom

Exclusive distribution

Sound Service GmbH

Website

www.sound-service.eu
www.zoom.co.jp

Price (MSRP incl. 19% VAT):

320,11 EUR

Availability

August 2019

Media

Press download incl. images

<http://www.sound-service.eu/press-area/press-kits>

Products for review

Please use press contact below!

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Take Your Live Show Home

The H4n Pro is capable of recording the loudest and heaviest performances, up to 140 dB SPL without distortion. Take a line-level stereo feed from the mixing console and capture room ambience with the X/Y microphones.

Professional Grade Preamps

The H4n Pro features high performance, low-noise mic preamps with recording resolutions up to 24-bit/96 kHz. The improved noise floor (-120 dBu EIN) captures audio at lower volumes with less noise and fewer artifacts.

USB Audio Interface

Functioning as a 2-input/2-output USB audio interface for PC or Mac, the H4n Pro enables you to record directly to your computer.

Never Miss a Take

Pre-Record

Capture two seconds* of audio before you hit RECORD with the Pre-Record function and never miss the start of a great take.

**One second when recording at 96 kHz/sec or working 4CH mode.*

Auto-Record

The Auto-Record and Auto-Stop functions allow the H4n Pro to automatically start and stop recording according to your designated levels.

Three Recording Modes

Stereo Mode

Stereo Mode uses the built-in X/Y microphones (or external mics) and is convenient for recording live performances, acoustic instruments, and more.

4-Channel Mode

4-Channel Mode records with the built-in X/Y mics and two external inputs to capture live room sound and a stereo board feed at the same time.

MTR Mode

Multi-Track Mode turns your device into a four-track studio, with built-in effects, overdub functions, and the ability to work with previously recorded sound files.

Inputs and Outputs

Inputs

The H4n Pro offers two locking XLR/TRS combo jacks, each with switchable phantom power. Additionally, there is a mic/line input via the stereo 1/8" input jack.

Outputs

Monitor your performance with headphones or connect to external devices using the stereo 1/8" line output with dedicated volume control.

Music Production Software

Record, edit, mix and master your music with free download licenses for Steinberg's Cubase LE music production software and WaveLab LE audio editing software.

Studio-Grade Effects

Choose from a variety of effects, including EQ, compression, reverb, delay, amp and cab emulators and more. Practice with an onboard metronome, tuner and looper.

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Recording Time and File Formats

The H4n Pro can capture audio in both MP3 and WAV file formats.

WAV files recorded with the H4n Pro comply with BWF (Broadcast Wave Format) and include marks and creation dates. It allows for easy syncing and file organization for both musicians and filmmakers.

Record continuously for over 6 hours with just 2 AA batteries or extend your recording time indefinitely with the optional AD-17 AC adapter.

Features

- Four-track simultaneous recording
- High-fidelity mic preamps
- Built-in X/Y stereo microphones, adjustable between 90° and 120°
- Record up to 140 dB SPL with X/Y microphones
- Two mic/line level inputs with XLR/TRS combo connectors
- Stereo 1/8" Mic In mini phone jack
- +24 or +48V phantom power for main inputs and Plug-in power (2.5V) via Mic/Line In mini phone jack
- Output/headphone jack with dedicated volume control
- Rubberized and ergonomic body with 1.9 inch backlit LCD display
- Built-in reference speaker for fast playback
- Records directly to SD and SDHC cards up to 32 GB
- Supports up to 24-bit/96 kHz audio in BWF-compliant WAV or a variety of MP3 formats
- Internal mixdown: four-track to stereo and stereo to dual mono
- Built-in effects, including compression/limiting, low-cut filtering, modulation, reverb/delay and amp models
- Normalize (maximum gain) and Divide (file splitting) functions
- Chromatic tuner and metronome
- Loop playback with user-defined start and stop points
- Variable playback speed, from 50% to 150%, without affecting pitch
- 2-in/2-out USB audio interface for PC/Mac computers
- Mounts to mic stand or tripod, or directly to DSLR with optional Hot Shoe adapter
- Runs on 2 standard AA alkaline or NiMH rechargeable batteries with up to 6 hours of operation (up to 10 hours in Stamina mode)

What's In The Box

Here's what comes with the H4n Pro

- Operation manual
- USB cable
- 2 x AA batteries
- Protective case
- Steinberg WaveLab LE software download
- Steinberg Cubase LE software download

Optional H4n Pro accessories

- PCH-4n Protective Case

(compatible with both H4n and H4n Pro Handy Recorders):

- WSU-1 Universal Hairy Windscreen
- MA-2 Clip Adapter
- RC4 Wired Remote Control
- HS-1 Hot Shoe Mount Adapter
- AD-14 AC Adapter

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H4n Pro Accessory Package* includes

- Hairy windscreen
- Splitter cable
- Attenuator cable
- USB cable
- AD-14 AC Adapter

**H4n Pro Accessory Package sold separately*

Specifications

GENERAL

- Number of simultaneous recording tracks: 2 (STEREO mode), 4 (4CH mode), 2 (MTR mode)
- Recording time 4 GB (SDHC): Approx. 380 minutes (WAV 44.1 kHz / 16-bit stereo track)
- Approx. 68 hours (MP3 44.1 kHz / 128 kbps stereo track)
- * Recording times are approximations. Actual times may differ according to recording conditions.
- Maximum file size of simultaneous recording: 2 GB
- Projects: 1000/card
- Locate function: Hours/Minutes/Seconds/Milliseconds
- Other functions: Punch-in/out, Bounce, A-B repeat
- Effects modules: 2STEREO / 4CH Mode: LO CUT, COMP/LIMITER
- MTR Mode: PRE AMP module, EFX module
- Types: 53
- Patches: 60
- Tuners: Chromatic, Guitar, Bass, Open A/D/E/G, DADGAD
- Metronome sound sources: 5
- Variable beat: 1/4 - 8/4, 6/8, unaccentuated
- Tempo: 40.0 - 250.0 BPM
- A/D conversion: 24-bit × 128 oversampling
- D/A conversion: 24-bit × 128 oversampling
- Recording media: SD card (16 MB – 2 GB), SDHC card (4 GB – 32 GB)
- Display: 128 x 64 dots Full-dot backlit LCD

DATA TYPE - WAV FORMAT (RECORD/PLAY)

- Quantization: 16- / 24-bit
- Sampling frequency: 44.1 / 48 / 96 kHz

DATA TYPE - MP3 FORMAT (RECORDING)

- Bit rate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 kbps, VBR
- Sampling frequency: 44.1 / 48 kHz

INPUTS

- Input [1] [2]: XLR (balanced input) / standard phone (unbalanced input) combo jack
 - Input impedance: (Using balanced input) 3 kΩ or more, pin 2 hot
 - (Using unbalanced input) 470 kΩ or more
 - Input gain: (Using balanced input) -16 dB to +43 dB
- Built-in stereo mic: Unidirectional condenser microphone
 - Sensitivity: -45 dB/1 Pa at 1 kHz
 - Input gain: -16 dB to +51 dB
 - Maximum sound pressure input: 140 dB SPL

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- External mic: Mini stereo phone jack
- Input impedance: 2 k Ω or more
- Input gain: - 16 dB to +51 dB

OUTPUTS

- Line/phone: LINE Output load impedance: 10 k Ω or more
 - LINE rated output level: -10 dBu
 - PHONE: 20 mW + 20 mW (into 32 Ω load)
 - Monaural speaker: 400 mW 8 Ω
 - Phantom power: 48V, 24V, OFF
- USB: USB 2.0 High Speed Mass Storage Class operation, Audio interface operation
 - (USB functions can be operated by USB bus power)
- Power requirements: DC 5V 1A AC from AC adapter (ZOOM AD-14), 2 x AA batteries
- Batteries: IEC R6 (size AA) x 2
- Continuous recording time: STEREO mode
- Using built-in mics at 44.1 kHz/16-bit without headphones connected
- About 6 hours using alkaline batteries or about 8 hours using NiMH (2450mAh) batteries
- STAMINA mode
 - Using built-in mics at 44.1 kHz/16-bit without headphones connected
 - About 10 hours using alkaline batteries or about 12 hours using NiMH (2450mAh) batteries
- Dimensions: 73 (W) x 157.2 (D) x 37 (H) mm
- Weight: 294 g
- * 0 dBm = 0.755 Vrms
- * Design and specifications subject to change without notice.

About the Company Sound Service GmbH

Founded in 1983, the Berlin based Sound Service GmbH 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.