

H2next

HANDY RECORDER

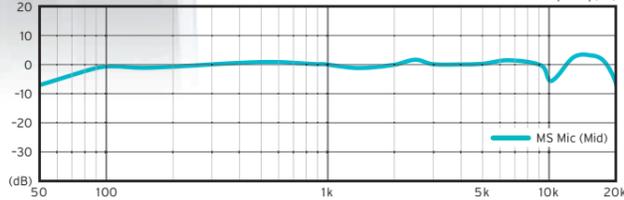


SPECIFICATIONS

| | |
|------------------------------|---|
| Recording Media | SD/SDHC card (up to 32GB) |
| Built-in Mic | MS stereo & 90-degree XY stereo |
| Maximum Sound Pressure Level | 120dB SPL |
| Recording Format | 《STEREO Mode》 PCM (Quantization: 16/24bit, Sampling Frequency: 44.1/48/96kHz), MP3 (Bit Rate: 48 to 320kbps, Sampling Frequency: 44.1kHz) 《4CH Mode》 PCM (Quantization: 16/24bit, Sampling Frequency: 44.1/48kHz) |
| A/D Conversion | 24bit, 128times oversampling |
| D/A Conversion | 24bit, 128times oversampling |
| Signal Processing | 32bit |
| Functions | Lo-cut Filter, Compressor/Limiter, Auto Gain, Pre-Rec, Auto-Rec, Tuner, Metronome, Variable Speed Playback, Key Control, A-B Repeat, File Dividing, Normalize, MP3 Post-Encode, Marker, Surround Mixer |
| Display | 128 x 64 pixel, backlit LCD |
| Input Gain | 0 to +39dB |
| Mic / Line Input | 1/8" stereo phone jack (Plug-in power supported) |
| Input impedance | 2kΩ (Input level: 0 to -39dBm) |
| Phones / Line Output | 1/8" stereo phone jack |
| Rated Output Level | -10dBm |
| Output Load Impedance | 10kΩ or more |
| Phones Output Level | 20mW + 20mW into 32Ω load |
| Built-in Speaker | 400mW 8Ω |
| USB | Mini-B type, Mass Storage Class operation (USB2.0 High Speed compatible), Audio Interface operation (16bit, 44.1kHz/48kHz) |
| Power Requirements | AA/LR6 battery x 2, or AC adapter AD-17 (DC5V/1A/center positive) |
| Battery Life | 20 hours (16bit/44.1kHz WAV recording) |
| Dimensions | 67.6 (W) x 113.8 (D) x 42.7 (H) mm |
| Weight | 130g (without batteries) |

*0dBm=0.775Vrms

Built-in Mic, Frequency Response



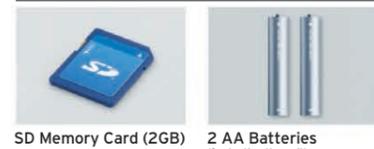
Maximum Recordable Time

| REC Format | SD/SDHC Card Capacity | | | | |
|-------------------|-----------------------|---------|----------|----------|----------|
| | 2GB | 4GB | 8GB | 16GB | 32GB |
| MP3 128kbps | 34h 43m | 69h 26m | 138h 53m | 277h 46m | 555h 33m |
| MP3 320kbps | 13h 53m | 27h 46m | 55h 33m | 151h 6m | 342h 13m |
| WAV 16bit/44.1kHz | 3h 8m | 6h 17m | 12h 35m | 25h 11m | 50h 23m |
| WAV 24bit/48kHz | 1h 55m | 3h 51m | 7h 42m | 15h 25m | 30h 51m |
| WAV 24bit/96kHz | 57m | 1h 55m | 3h 51m | 7h 42m | 15h 25m |

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*The maximum file size is limited to 2GB.
*Recording times are approximations. Actual times may differ according to recording conditions.

Included Accessories



Brilliant Stereo Recording... Everywhere you go.



H2next

HANDY RECORDER

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Enjoy the new standard.

Representing a new generation of portable recording, the H2n is Zoom's most innovative handheld recorder to date. We've packed groundbreaking features into an ultra-portable device that allows you to record pristine audio anywhere you go.

From film and broadcast, to journalism, podcasting, musical performance, songwriting and rehearsal, the H2n provides amazing recording quality. No matter the application, the H2n brings the very best in stereo recording to a convenient, user-friendly package that fits in your pocket.

Zoom H2n Handy Recorder.
The new standard in portable recording.

Five new mic capsules provide four unique recording modes

The H2n features our best microphones yet and is the only portable recorder with five mic capsules onboard. This design enables the H2n to offer four unique recording modes: Mid-Side (MS) stereo, 90° X/Y stereo, 2-channel and 4-channel surround sound.



Create stunning 360° surround sound recordings

Using the H2n's Mid-Side and X/Y mics together, you can create stunning 360° surround sound recordings. Choose between 2-channel mode, which combines the Mid-Side and X/Y mics, and 4-channel mode, which records two separate stereo files, allowing you even more post-production capability. No matter which mode you use, you'll get perfectly balanced, surround sound recordings.

Linear PCM recording at up to 24bit/96kHz quality

The H2n supports linear PCM WAV recording at 24bit/96kHz, which far exceeds standard CD-quality. Use a high-resolution WAV format to faithfully capture the delicate reverberations of natural sounds and acoustic instruments. For web and e-mail distribution, choose one of a dozen convenient MP3 formats.



Broadcast Wave Format support

The H2n supports the Broadcast Wave Format (BWF) used for broadcasting and other professional applications. With this format, each file can have a creation date/time stamp and up to 99 track marks (cue points) to help with file management and finding desired points in recordings.

Newly designed user interface

The H2n is remarkably easy to use. With its newly designed user interface, critical controls are right at your fingertips and make studio-quality recording a breeze. The H2n also houses an arsenal of comprehensive functions, including **Auto-Gain**, a **compressor/limiter**, **Low-cut filter** and more.



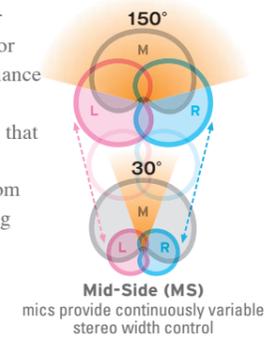
Special playback features aid practice

Various playback functions make the H2n ideal for music—and even language—practice. Use the **Variable Speed Playback** to adjust the playback speed between 50% and 150% of the original, the **Key Control** to adjust the pitch, and the **AB Repeat** function to loop a desired part. You can even use the H2n as a music player, as it supports playback of a single track or all tracks in a folder once or repeatedly. The **tuner** and **metronome** are also handy when practicing with an instrument.

Mid-Side MICROPHONES

The first portable Mid-Side recorder

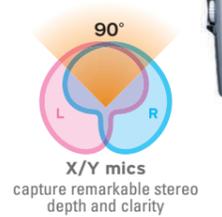
The H2n is the first handheld recorder to offer Mid-Side stereo recording, a technique used for many years in film and broadcast, where ambiance and surrounding noise are crucial. Mid-Side recording combines a uni-directional Mid mic that captures sound directly in front of you and a bi-directional Side mic that captures sound from your left and right. By increasing or decreasing the level of the Side mic, you can control the width of the stereo field, which gives you incredible flexibility over your recordings. If you record in RAW mode, you can even adjust the stereo width after recording.



XY MICROPHONES

X/Y mics capture stereo images with depth and accuracy

The H2n's onboard 90° X/Y stereo condenser mics are arranged with the right and left mics on the same axis. This design ensures that the mics are always equidistant from the sound source for perfect localization and no phase shifting. The result is brilliant stereo recording with natural depth and accurate imaging.



Edit audio onboard

You can edit audio right on the H2n. Without connecting to a computer, you can **Divide** recorded files and **Normalize** them to maximize their volume. You can also use the **MP3 encoder** to convert WAV files to MP3 files.

Data recovery function protects against unexpected errors

Never again will you have to worry about losing recorded data to unexpected errors. The H2n has you covered with its new data recovery function. Whether you experience battery loss or an accidental power-down, this feature will automatically restore your data the next time the H2n is powered on.

20 hours of battery life

The H2n provides over 20 hours of continuous operation on just two standard AA alkaline batteries! This astonishing feature enhances the H2n's flexibility and convenience. In addition, the H2n can also operate using an AC adapter, which is included in the optional APH-2n Accessory Pack.



Analog Mic Gain for precision volume control

Digital volume controls offer too much or too little gain, with no middle ground. The H2n's analog Mic Gain wheel allows you to dial-in the perfect amount of gain for any given application.



Onboard reference speaker and stereo output

The H2n's built-in reference speaker lets you know your recordings have been captured. With its 1/8-inch stereo output, you can also playback your recordings on your home audio system or listen to your masterpiece using your favorite pair of headphones.

32GB SDHC card support

The H2n uses SD/SDHC cards and can accommodate up to a 32GB SDHC card for over 50 hours of recording time using the 16-bit/44.1kHz WAV format. With 128kbps MP3 format, you get an incredible 555 hours of stereo recording. The H2n comes with a 2GB SD card to get you started.



LCD screen is bigger and brighter

The H2n's 1.8-inch backlit LCD display (128 x 64 resolution) provides crystal-clear monitoring and makes it simple to navigate all of the unit's functions.

USB 2.0 Hi-Speed allows for rapid file transfer

Use the H2n's High-Speed USB 2.0 interface to transfer files to your Mac or PC. Once your recordings are on your computer, you can easily store, edit, playback and share your favorite creations. You can even use the H2n as a USB microphone, letting you record directly to your computer.



WaveLab LE software included for editing and mastering

Steinberg's WaveLab LE can be used for audio editing and professional-quality mastering. By using its precise waveform editing and high-quality processing, you can refine your recordings into finished works.



Increase the H2n functionality with an accessory pack

The APH-2n optional accessory pack includes seven tools for use with the H2n. The remote control can be used to start, stop and pause recordings as well as to add marks. The other accessories in the pack are a windscreens that reduces wind and breath noise, a mic clip adapter for use with a mic stand, a tabletop tripod with extendable legs, a padded-shell case, an AC adapter and a USB cable.

