ZOOM

Brilliant Stereo Recording... Everywhere you go.

H2n
Handy Recorder

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.

Mid Side Stereo Mode

2-Channel Surround

4-Channel Surround

XY Stereo Mode

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,**
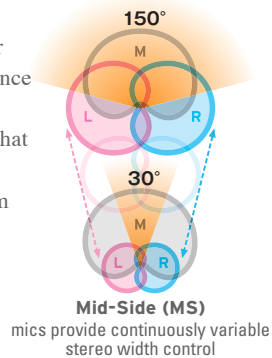**Low-cut filter** and more.

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
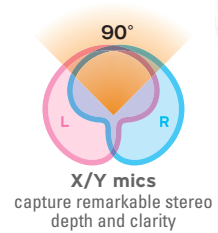
The first portable Mid-Side recorder

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.

150°

M
L   R

30°

M
L   R

Mid-Side (MS)
mics provide continuously variable stereo width control

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.

90°

L   R

X/Y mics
capture remarkable stereo depth and clarity

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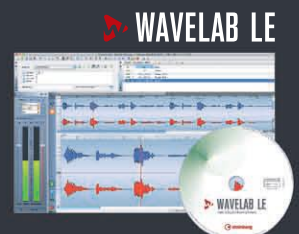
USB 2.0 Hi-Speed allows for rapid file transfer
Use the H2n's High-Speed USB 2.0 interface to transfer files to your Mac or PC. Once your recordings are on your computer, you can easily store, edit, playback and share your favorite creations. You can even use the H2n as a USB microphone, letting you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

WAVELAB LE

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 windscreen 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.
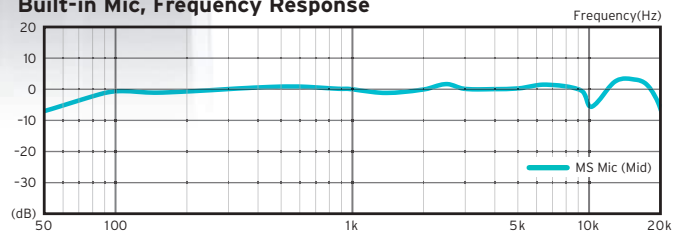
APH-2n

H2next
HANDY RECORDER

MS Stereo Mics

XY Stereo Mics

MENU Key

Reference Speaker

Jog Lever

Mic/Line Input Jack

LINE IN

VOLUME

Volume (+/ –keys)

Remote Control Jack

REMOTE

Phones/Line Output Jack

LINE OUT

USB Port

USB

HOLD FOR HOME

MENU

PLAY

REC Indicator

Mic Gain Volume

MIC GAIN

LCD Screen

HOLD

Power Switch

REC Button

H2n Handy Recorder

MIC Indicator

MS

2ch

4ch

XY

MIC Pattern Selector

SD Card Slot

Tripod Mount

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

Frequency(Hz)

MS Mic (Mid)

Maximum Recordable Time

Stereo Mode

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

4CH Mode

REC Format	SD/SDHC Card Capacity				
	2GB	4GB	8GB	16GB	32GB
WAV 16bit/44.1kHz	1h 34m	3h 8m	6h 17m	12h 35m	25h 11m
WAV 24bit/48kHz	57m	1h 55m	3h 51m	7h 42m	15h 25m

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

Included Accessories

SD Memory Card (2GB)

2 AA Batteries
(for testing the unit)

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