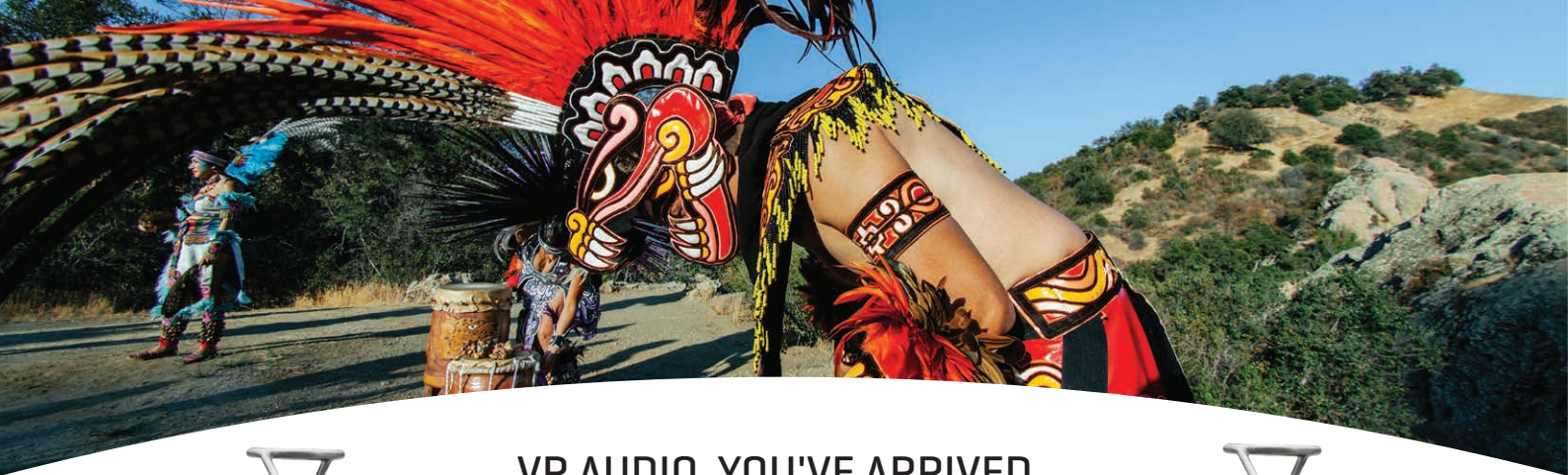


VR AUDIO, YOU'VE ARRIVED.

# H3-VR

360° VR Audio Recorder





VR AUDIO, YOU'VE ARRIVED.

# H3-VR

360° VR Audio Recorder

Whether you're a game developer, filmmaker or musician, virtual reality is the undeniable future of content creation. While 360-video is exploding in popularity, the ability to easily create 360-audio has lagged behind...until now.



## One-Stop VR Audio

The Zoom H3-VR virtual reality audio recorder is the complete solution for capturing and processing spatial audio for VR, AR and mixed-reality content. With a built-in Ambisonic mic, recorder and decoder, the H3-VR puts 360-audio in the palm of your hand.

## A New Way to go from A to B

In the past, capturing VR audio required a dedicated Ambisonic mic, a separate recorder and a computer for encoding the audio from raw Ambisonics A format to VR-ready Ambisonics B format. Now, with the H3-VR, all of the encoding and decoding is done on board, saving time, money and effort at every step.

## Audio For Every Reality



### Ambisonics Audio for VR

The H3-VR's 4-capsule Ambisonic mic captures precise 360-degree VR audio recordings up to 24 bit/96 kHz. And without ever connecting to a computer, the onboard decoder allows you to export Ambisonics B-format files directly.



### Binaural 3D Stereo

The H3-VR also records stereo binaural WAV files up to 24 bit/48 kHz. Stereo binaural provides a hyper-realistic spatial recording that enhances 2D productions with 3D audio.



### Standard Stereo

The H3-VR even offers standard stereo recording for recordings that will be played out of speakers rather than headphones.



### 5.1ch Surround for Video

Free to download, ZOOM Ambisonics Player software can easily convert Ambisonics audio to a 5.1ch surround file that is pre-aligned to the proper speakers, and is exported to your video or audio editor for syncing with standard video.



### Live Streaming 360

The H3-VR also enables you to live stream events in 360 degrees so that wherever your fans are, they'll have access to the best seats in the house.



## Fits Anywhere. Captures Everything.



The H3-VR's compact, conical design captures audio from multiple angles without getting in the way of the camera or the action.

## 6-Axis Motion Sensor



Auto Mic Position and Level Detection make placing the H3-VR simple. Whether positioned upright, upside down, endfire or endfire inverted, the H3-VR automatically calibrates so your audio and video are already aligned for post.

## Upgrade Your Game Experience

The slam of dungeon doors, growl of monsters or howl of the wind can make or break a player's fantasy. With the ability to capture high-quality in-game audio, you can elevate your player's experience to new levels.

## Monitoring & Playback



Monitor your audio live in stereo binaural or use the H3-VR's onboard Ambisonics Decoding to simulate your recorded 360-experience during playback.

## Streaming and More



Perfect for live streaming, video conferencing, direct recording and more, the H3-VR's audio interface mode turns it into a USB 360 mic for your computer or stereo mic for your iOS device.

## Out of the Shot But in Control



Staying out of the shot can be tricky when recording a 360-degree video, which is why the H3 Control App lets you remotely access transport controls, level settings, and metadata notes right from your iOS device.\*

\*Optional BTA-1 adapter required

## 360° Post-Production Made Easy

The H3-VR's companion ZOOM Ambisonics Player software takes the work out of post-production by easily converting your Ambisonics files to Stereo, Binaural, 5.1ch surround and more. Play, trim, re-orientate and export your audio files in minutes.



# H3-VR 360° VR Audio Recorder

## Designed With Intention



### A Output Volume Controls

The H3-VR's line out volume control lets you adjust the output volume to a DSLR camera, additional headphone, etc.

### B Headphone Jack

A dedicated headphone jack allows for stereo binaural monitoring of your audio while recording.

### C Dynamic Display

A directionally-responsive LCD screen provides a bright, clear display even when upside-down.

### D Transport Controls

The Home, Play/Pause, Forward, Reverse and Menu buttons are positioned for quick access.

### E Power/Hold Button

Lock your settings on the H3-VR while recording using the unit's Hold function.

### F Precise Internal Clock

The H3-VR's highly accurate internal clock with 0.5 ppm discrepancy reduces audio/visual drift.

### G Slate Tone/Sound Marker

Using the slate tone enables you to easily calibrate the H3-VR and camera audio levels. Use the sound marker to output a tone when recording starts to make syncing audio and video easy.

### H Built-in Limiter

The H3-VR features a built-in limiter to prevent clipping and distortion during your most dynamic moments.

### I Low Cut Filter

The H3-VR's adjustable low cut filter removes unwanted low-end frequencies.

### J Input Volume Gain

With the single-knob gain control, you can easily adjust the gains of all four mic capsules simultaneously for accurate, balanced 360-degree audio.

### K Power Options

Two AA batteries can power the H3-VR for over 11 hours. For longer shoots, the H3-VR can also use portable USB batteries or be plugged in via an AC adapter.

### L 3.5mm Line Out

The H3-VR fits right in with your existing gear, featuring a dedicated line out for a wide range of 360 cameras or other external devices.

### M Lightweight/Portable Design

Weighing less 5 ounces (120g), the H3-VR is the perfect Ambisonics recorder to take on the go. And since H3-VR records directly to a microSD card, there's no need for external gear.

## Optional Accessories

### BTA-1

Bluetooth Adapter



### WSU-1

Universal Windscreen



### AD-17

AC Adapter

