

Sennheiser Ambeo VR Microphone



How it works

The capsules of the Sennheiser AMBEO VR Mic deliver a raw, 4-channel output called A-format. Before you can use A-format audio, it must be converted to another 4-channel

format, Ambisonics B-format. Here's where Sennheiser's AMBEO A-B format converter plug-in comes in. This free download for VST, AU, and AAX works with your PC or Mac DAW of choice. Diving deeper in the technicalities, B-format is a W, X, Y, Z image of the sound field around the mic, where W is the sum of all four capsules; and X, Y, and Z are virtual bidirectional mic patterns that represent front/back, left/right, and up/down. Hence, you can audition any direction from the microphone during Ambisonics B playback.

Specifications

- Microphone Type: Condenser
- Polar Pattern: Ambisonic (4 x Cardioid)
- Frequency Response: 20Hz-20kHz
- Max SPL: 130 dB SPL (1kHz at 1% THD)
- Output Impedance: 200 ohms
- Self Noise: 18 dB (A weighted)
- Connector: Multi-pin output jack, 4 x XLR balanced splitter cable
- Features: Spherical surround sound pickup
- Power Source: 48V phantom power

Sennheiser AMBEO VR Microphone Includes:

- AMBEO VR Mic
- Balanced split 4-XLR breakout cable
- Rycote suspension mount

- Foam windscreen
- AMBEO A-B format converter VST, AU, and AAX Mac/PC plug-in (free download)