

DVDO

DVDO-Ceiling-Mic-1

Beamforming Ceiling Array Microphone

DVDO-Ceiling-Mic-1 is a discreet ceiling microphone designed for business meetings, classrooms and educational environments.

Featuring seven built-in omnidirectional microphones, it provides 360° voice pickup from up to 8m/26ft, capturing clear and natural speech from anywhere in the room.

Its advanced AI audio processing, including noise reduction, echo cancellation, reverberation suppression and adaptive beamforming, minimizes background noise and interference while keeping voices clear and intelligible.

With USB and 3.5mm audio inputs and outputs, it provides seamless connectivity to computers, videoconferencing equipment and speakers.



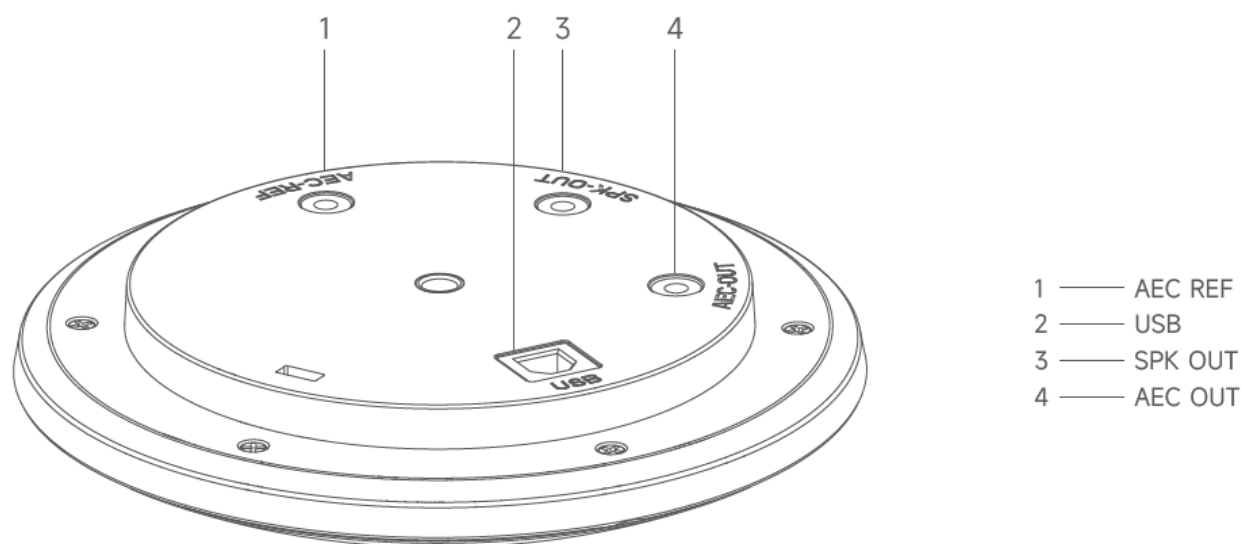
Features

- 7 built-in digital microphones with high SNR forming a ring array
- Blind beamforming automatically detects speaker and adjusts audio pickup direction
- Up to 8m/26ft pickup distance
- Advanced audio technologies including echo cancellation (AEC), intelligent noise reduction (ANS) and gain control (AGC)
- Ultra low latency for seamless conference calls
- Multiple interfaces including USB and 3.5mm audio (speaker output, AEC output & AEC input)
- Easy to install, plug & play
- Comes with ceiling/wall mounting bracket

Applications

- Conference Rooms
- Boardrooms
- Training Rooms
- Classrooms

Connection Diagram



Technical Specifications

Audio Specifications	
Microphone Type	360° omnidirectional digital array microphone
Array Microphone	7 built-in microphones forming ring microphone array
Sensitivity	-26 dBFS
Signal Noise to Ratio (SNR)	65 dB(A)
Frequency Response	20Hz ~ 16kHz
Sampling Rate	32K sampling, wideband HD audio
Pickup range	8m / 26ft
Technologies	Automatic Echo Cancellation (AEC), Automatic Noise Suppression (ANS), Automatic Gain Control (AGC)
Interfaces	
USB Interface	1 x USB audio (Type B): supports UAC1.0 protocol, audio data communication, software upgrade & parameter configuration
Audio Input	1 x 3.5mm line in
Audio Output	2 x 3.5mm line out
General Specifications	
Dimensions	130mm [Φ] x 330mm [H]
Net Weight	150g
Power Input	USB DC5V
Certifications	CE, FCC, RoHS, MTBF