

ATVI M200

Cascading Omnidirectional Digital Array Microphone

Designed for business meetings and interactive teaching — 6 high-SNR digital microphones, 360° omnidirectional pickup, AI audio algorithm, and flexible PoE cascade up to 6 units.



360° Pickup

PoE Cascade

6m Effective

AI Audio 3A

USB + AUX

Flexible Install



The ATVI M200 is a cascading omnidirectional digital array microphone for business meetings and interactive teaching. Built with 6 high-SNR digital microphones in a ring array, it provides 360° omnidirectional pickup with 3 metres clear and 6 metres effective range. The built-in audio processing unit and AI algorithms eliminate noise, echo, and howling.

Pickup Method Omnidirectional	Pickup Range 360° Omnidirectional	Mic Array 6 High-SNR Mics
Cascade PoE, up to 6 units	Dimension Φ170 × H40mm	Weight 370g

IDEAL FOR

Business Meetings

360° pickup for full table coverage

Interactive Teaching

PoE cascade for expanded room coverage

Large Conference Rooms

Ceiling or desk mount for flexible setups

Remote Collaboration

AI noise suppression for clear remote calls

PRODUCT DESCRIPTION

The ATVI M200 is a cascading omnidirectional digital array microphone built for business meetings and interactive teaching. It features 6 high signal-to-noise ratio digital microphones in a ring array with 360° pickup, 3 metres clear pickup, and 6 metres effective pickup range. The unit can be flexibly cascaded and expanded to cover spaces of any size.

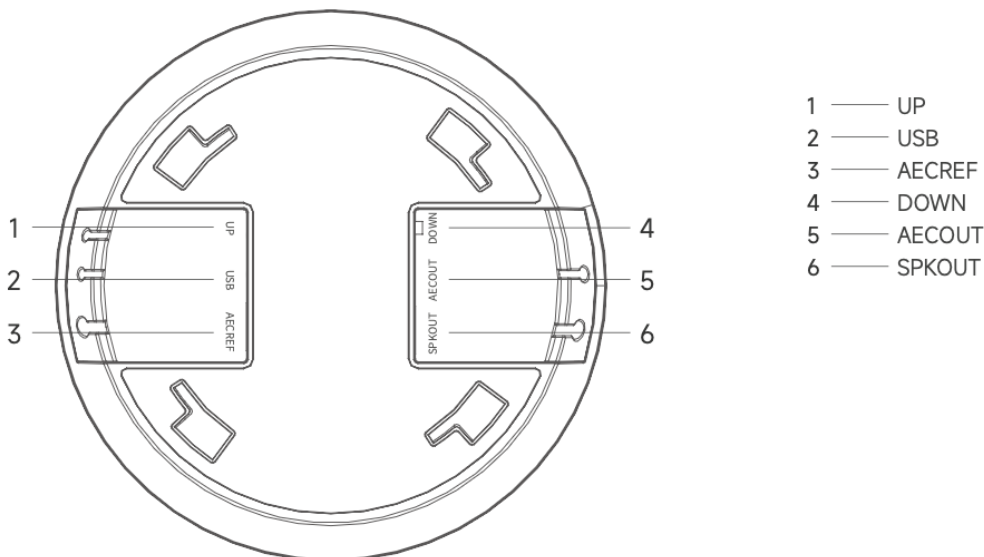
Connectivity includes a USB audio interface (Type-C, UAC1.0) for audio data, software upgrade, and parameterisation, along with AUX1 and AUX2 linear audio inputs and outputs. The network interface uses RJ45 uplink and downlink cascade ports with PoE cascade (48V, IEEE 802.3at). USB 5V 500mA single-unit power is also supported. Compatible with Windows, Mac, and Linux.

The built-in AI audio algorithm uses blind beamforming to automatically locate sound sources and adjust pickup direction for balanced audio. The 3A algorithm (AEC, ANS, AGC) suppresses environmental noise, reverberation, and howling for high-quality voice calls. Supports desktop placement, ceiling mounting, and hanging installation for flexible deployment.

- **360°**
Omnidirectional pickup
- **6m Pickup**
Effective range
- **PoE Cascade**
Up to 6 units cascade
- **AI 3A Audio**
AEC / ANS / AGC
- **65dB SNR**
High SNR microphones
- **USB + AUX**
USB-C + AUX I/O

PRODUCT KEY FEATURES

 Digital Microphone Array Built with 6 high SNR digital microphones forming a ring array for balanced, consistent pickup across the room.	 PoE Cascade Clear pickup range of 3 metres, with 6 metres effective range. Supports cascading up to 6 microphones via PoE.	 AI Audio Algorithm Uses blind beamforming to automatically locate sound sources and adjust pickup direction. AEC, ANS, and AGC suppress noise, reverberation, and howling.
 Built-in Audio Processing Built-in audio processing unit eliminates the need for an external processor, reduces wiring, and offers ultra-low latency for seamless remote calls.	 Multi-Interface Output Standard USB 2.0 (Type-C) and AUX audio interfaces provide plug-and-play for both digital and analog audio applications.	 Flexible Installation Supports desktop placement, ceiling mounting, and hanging installation for flexible, quick deployment and reduced maintenance costs.
 360° Omnidirectional 360° omnidirectional pickup captures audio from all directions in the meeting room without blind spots.	 Ultra-Low Latency Built-in audio processing unit provides ultra-low latency audio output for seamless, real-time remote communication.	 Broad OS Support Compatible with Windows, Mac, and Linux operating systems for broad deployment flexibility.



TECHNICAL SPECIFICATIONS

MICROPHONE SPECIFICATIONS

Microphone Array	Built-in 6 high SNR digital microphones
SNR	65 dB(A)
Sensitivity	-38 dBFS
Sampling Rate	32K
Number of Cascades	6
Pickup Method	Omnidirectional Microphone
Pickup Range	360° omnidirectional pickup
Pickup Distance	3 metres clear pickup, 6 metres effective pickup
Weight	370g

AUDIO ALGORITHM & INTERFACE

Audio Algorithm	AFC (Acoustic Echo Cancellation) ANS (Automatic Noise Suppression) AGC (Automatic Gain Control)
USB Interface	USB audio (Type-C), UAC1.0, audio data, firmware upgrade and parameterisation
Analog Audio	AUX1, AUX2 linear audio inputs and outputs
Usage Scenarios (M200)	Conference desktop
Control Mode (M200)	Mute button

INTERFACE TYPE

Network Interface	RJ45 uplink and downlink cascade ports
Cascade Method	PoE

GENERIC SPEC

Power Input	PoE cascade 48V, IEEE 802.3at / USB 5V 500mA (single)
System	Windows / Mac / Linux
Certification	CE, RoHS, FCC
Dimension	Φ170 × H40mm