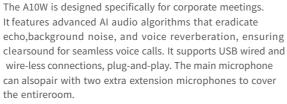
A10W

Smart Conference Speakerphone













zoom

Certified

FEATURES

PLUG AND PLAY + HIGH COMPATIBILITY

A10: Connects directly to the conference host via a USB 2.0 data cable, no drivers needed, plug and play.

A10W: A USB dongle connects to the conference host for instant use without pairing. It employs 2.4GHz full-duplex wireless communication between the main microphone and host, integrating frequency-hopping algorithms and signal synchronization to ensure stable real-time transmission of bidirectional audio signals.

▼ LONG RANGE OMNIDIRECTIONAL PICKUP

The main microphone features four high SNR digital microphone arrays for 360-degree omnidirectional sound pickup. Its pickup range is 3 meters and can be expanded with two extension microphones, extending it to 10m.

▼ AI-ASSISTED AUDIO ALGORITHM

The microphone uses AI technology for noise reduction, echo cancellation, and reverberation suppression, ensuring clear sound quality during remote meetings and mimicking face-to-face conversations.

CONSISTENT VOLUME

With an automatic gain control algorithm, the speakerphone adjusts volume levels based on the speaker's voice, ensuring stable and consistent pickup without volume fluctuations that could impact communication efficiency.

▼ ULTRA-HIGH FIDELITY

Featuring high and low-frequency speakers and a resonance chamber design, it delivers deep bass, rich midrange, and clear treble, reproducing lifelike human voices.

LEADING DOMESTIC TECHNOLOGY

Hardware localization rate exceeds 98%, with audio algorithms achieving top-three rankings globally in prestigious competitions like Interspeech, IEEE L3DAS21, and ICASSP2022 AEC Challenge.

▼ ONE-TOUCH CONFERENCE CONTROL

Supports conference operations directly on the microphone, such as call answer/end, volume+/-, mute, etc., making conference control more convenient.

BUSINESS STYLING

Made with an aluminum alloy casing for a high-quality look and feel. Includes wire management grooves and non-slip foot pads at the bottom for stable installation, perfect for different business meeting settings.

Remark: 1. This feature is supported only by A10W.

SPECIFICATIONS

▼ DIFFERENCE

Connection Method				USB2.0; 2.4G Wireless Connection, ax Transmission Range: 15m
CONFERENCE CAPABILITY		▼ HAI	▼ HARDWARE INTERFACES	
Coverage Area for Sound Pickup	20-100 m ²	Power S	upply	Operating Voltage: AC 100V ~ 240V, DO Operating Frequency: 50Hz / 60Hz
Number of Participants	6-20 People	Support	ed Systems	Windows / Mac / Android / Linux
▼ MICROPHONE SPECIFICATIONS				USB 2.0 Type-C / Type-A: (1* computer interface, used for connecting PC and other
Microphone Type	High Signal-to-Noise Ratio Digital Silicon Microphone	UAC 1.0 (2 * extension mi		devices for audio input/output); UAC 1.0 (2 * extension microphone interfa used for connecting extension microphone:
Microphone Array	Built-in 6(4+2) MEMS Microphones			0
Pickup Range	360° Omnidirectional Pickup	Indicators co		Circular indicator light strip, various o combinations, easy to identify the cu
Pickup Distance	up Distance 3m optimum pickup range, 10m effective			status of the microphone
•	pickup range	Buttons		Touch-sensitive buttons (volume+, volu mute, hang up, dial)
Sampling Rate	32 KHz HD Wideband Audio			mute, hang up, diat/
Frequency Response	50Hz ~ 16kHz	GEN GEN	GENERAL SPECIFICATION	
Signal-to-noise Ratio	68 dB(A)			
Sensitivity	94 dB SPL @ 1 kHz , -35 dBFS		Master microphone:150mm (L) (W) × 85mm (H)	
		Bare Ma	chine Dimensions	Expand microphone:80mm (L) × 80 (W) × 25mm (H)

SPEAKER SPECIFICATIONS

Speaker Type	Dual-frequency division design, professional academic sound chamber structure, top-tier sound tuning	
Rated output power	15W	
Effective frequency range	50Hz ~ 20kHz	
Volume	89dBA@1m	
THD	< 3%	
▼ SOUND QUALITY		
	Supports AI noise reduction, de-	

reverberation, AI automatic gain control, echo suppression algorithms, and full-duplex processing capabilities

▼ WIRELESS TECHNOLOGY

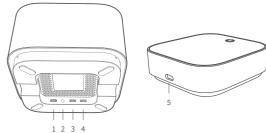
Noise Suppression

Wireless Communication	2.4GHz wireless communication, 48K sampling rate	
Wireless Transmission	Up to 15 meters (tested in office environment),	
Distance	Operating Frequency: 50Hz / 60Hz	

INTERFACE



- 5 ---- Expand Mic Interface



WARE INTERFACES			
ply	Operating Voltage: AC 100V ~ 240V, DC 12V Operating Frequency: 50Hz / 60Hz		
Systems	Windows / Mac / Android / Linux		
ace	USB 2.0 Type-C / Type-A: (1* computer interface, used for connecting PC and other devices for audio input/output); UAC 1.0 (2* extension microphone interfaces, used for connecting extension microphones)		
	Circular indicator light strip, various color combinations, easy to identify the current status of the microphone		
	Touch-sensitive buttons (volume+, volume-, mute, hang up, dial)		

Bare Machine Dimensions	Master microphone:150mm (L) × 150mm (W) × 85mm (H) Expand microphone:80mm (L) × 80mm (W) × 25mm (H) Wireless Adapter: 93mm (L) × 28mm (W) × 13mm (H)
Packaging Dimensions	297 × 248 × 125mm
Bare Machine Weight	Master microphone:1.24 kg Expand microphone:0.13 kg × 2 Wireless Adapter: 0.038g
Total Weight	2.35 kg
Environmental Conditions	Temperature: 0°C ~ 40°C (Operating), -40°C ~ 60°C (Non-operating) Relative Humidity: 45% ~ 90% (Operating), 30% ~ 90% (Non-operating)

