Smart Conference Speakerphone

A10&A10W

360°
Omnidirectional
Pickup

10m Pickup
Range

AI-Assisted
Noise Reduction

Intelligent
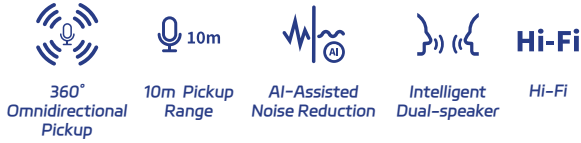Dual-speaker

Hi-Fi

The A10W is designed specifically for corporate meetings. It features advanced AI audio algorithms that eradicate echo, background noise, and voice reverberation, ensuring clear sound for seamless voice calls. It supports USB wired and wireless connections, plug-and-play. The main microphone can also pair with two extra extension microphones to cover the entire room.

zoom
Certified

FEATURES

▼ PLUG AND PLAY + HIGH COMPATIBILITY
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.

SPECIFICATIONS

▼ CONFERENCE CAPABILITY

Coverage Area for Sound Pickup	20-60 m²
Number of Participants	6-20 People

▼ MICROPHONE SPECIFICATIONS

Microphone Type	High Signal-to-Noise Ratio Digital Silicon Microphone
Microphone Array	Built-in 6(4+2) MEMS Microphones
Pickup Range	360° Omnidirectional Pickup
Pickup Distance	3m optimum pickup range, 10m effective pickup range
Sampling Rate	32 KHz HD Wideband Audio
Frequency Response	50Hz ~ 16kHz
Signal-to-noise Ratio	68 dB(A)
Sensitivity	94 dB SPL @ 1 kHz , -35 dBFS

▼ 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

Noise Suppression	Supports AI noise reduction, de-reverberation, AI automatic gain control, echo suppression algorithms, and full-duplex processing capabilities

▼ WIRELESS TECHNOLOGY[1]

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

▼ HARDWARE INTERFACES

Power Supply	Operating Voltage: AC 100V ~ 240V, DC 12V Operating Frequency: 50Hz / 60Hz
Supported Systems	Windows / Mac / Android / Linux
USB Interface	USB 2.0 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)
Indicators	Circular indicator light strip, various color combinations, easy to identify the current status of the microphone
Buttons	Touch-sensitive buttons (volume+, volume-, mute, hang up, dial)

▼ GENERAL SPECIFICATION

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)

INTERFACE

1 —— Expand Mic Interface
2 —— Power Jack
3 —— USB Interface
4 —— Expand Mic Interface
5 —— Expand Mic Interface

1 2 3 4

5