

A460 AI conference omnidirectional microphone

The A460 omnidirectional conference microphone employs proprietary next-gen AI audio algorithms, integrating intelligent noise cancellation and automatic reverb elimination to effectively suppress environmental noise and echo interference, ensuring clear and stable voice transmission. With three directional microphones, it achieves 360 ° omnidirectional sound pickup, supporting efficient audio capture within a 4-meter range and extending up to 8 meters. The built-in 5W high-fidelity speaker delivers rich sound quality and excellent fidelity. It supports full-duplex voice communication and up to 8-level master-slave cascading deployment, meeting the expansion needs of medium-to-large conference spaces. Compatible with USB 2.0 for plug-and-play connectivity, it enables local audio recording and efficient post-meeting summaries, making it the ideal audio solution for professional-grade remote audiovisual conferencing systems.



Product features

- The new generation of self-developed AI intelligent noise reduction and AI intelligent reverberation removal technology
- Full-duplex technology, dual-talk comprehensive optimization
- Automatic gain technology, the sound is consistent at a distance
- Master slave multiplexing cascades up to 8 levels of hand-in-hand cascading
- 3 pointing microphone, 360° all-round accurate pickup
- 4m effective pickup, 8m maximum pickup
- There is also a direct network cable connection, compatible with tomorrow's mainstream terminals and PTZ equipment
- 5W high fidelity speaker, clear and transparent voice
- USB 2.0 plug and play
- Audio is recorded locally and extracted with one click after the meeting

Specifications parameters

module	function	description
microphone	quantity	Three pointing pickup microphones form 360° pickup
	adapterization	4m pickup high efficiency pickup, 8m farthest pickup
	frequency of sampling	48K HZ sampling (USB)/16K HZ sampling (Bluetooth)

	noise-signal ratio	≥60dB
	maximum sound pressure	118dB SPL @ 1KHz, THD<10%
	Full-duplex audio	support
loudspeaker	power	1x 5W speaker
	power rating	5W/4Ω
	frequency response	200Hz - 15KHz
	volume	84dB SPL, 5w, (1m 处)
Audio processing	Echo cancellation	support
	muting	support
	AGC	support
	AI intelligent noise reduction	support
	Smart reverb elimination	support
joggle	Host	1 x USB-C interface, USB 2.0, connect terminal equipment
	Chain (the next level up)	1 RJ45 port, cascading the previous level of the device
	Chain (next level down)	1 RJ45 network port, cascading the next level of devices
	source	1x DC
	Lock	1x Kensington
key	Volume/Mute Key/Volume Plus Key/Audio Recording Key/Bleed Key	
PDA	Bluetooth 5.0	
cascade	Supports 8-level cascading and master-slave multiplexing	
Indicator light strip	The body is equipped with three red, green and blue indicator lights to display the status	
cell	nonsupport	
power supply mode	Power supply adapter	
System compatibility	Windows 7/8/10; macOS10.10 or higher; Linux (requires UAC support); Android (universal, may vary by system)	
going	Storage temperature: -10°C ~ +70°C Storage humidity: 20% ~ 95% Working temperature: -10°C ~ +50°C working humidity: 20% ~ 80% Environment: Indoor	

FCC Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.