EnghouseVideo

Fusion Speakerphone

AI CONFERENCE OMNIDIRECTIONAL MICROPHONE

The New Wave 3 omnidirectional conference microphone adopts a self-developed new generation AI audio algorithm, integrated intelligent noise reduction, and automatic de-reverberation technology, effectively suppressing ambient noise and echo interference – guaranteeing the clarity and stability of voice transmission.

- Built-in 3 directional microphones for 360° dead-angle sound pickup, supporting efficient sound pickup within 4 meters and up to 8 meters.
- Built-in 5W high-fidelity speaker, with full sound quality and high degree of reproduction, it also supports full-duplex voice communication and up to 8 levels of master-slave cascade deployment to meet the needs of medium and large conference.
- Compatible with USB 2.0 plug and play.

It is the ideal audio solution for professional-grade remote audio and video conferencing systems.

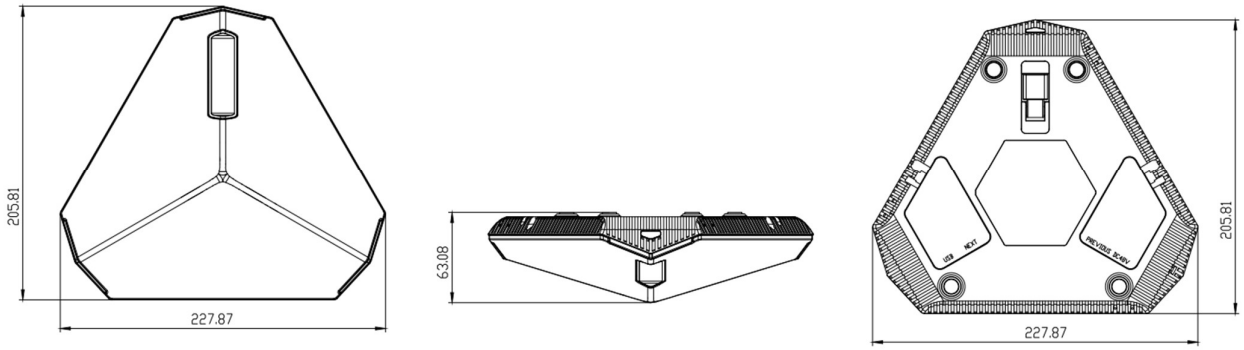
PRODUCT FEATURES

- A new generation of self-research AI intelligent noise reduction and de-reverberation technology.
- Full-duplex technology with fully optimized dual-mic.
- Automatic gain technology, consistent sound from near and far.
- Master-slave multiplexing cascade, support up to 8 levels cascade.
- 3 omnidirectional microphone, 360 ° all-round accurate pickup.
- 4m effective pickup, 8m furthest pickup.
- 5W hi-fi speakers for clear and penetrating vocals.
- USB 2.0 Plug and Play.

EnghouseVideo

SPECIFICATIONS SHEET

Item	Function	Description
Microphone	Quantity	3 directional pickup microphones, composed of 360° pickup
	Sound Pick-up	4 meter pickup efficient pickup, 8-meter farthest pickup
	Sampling Frequency	48K HZ sampling (USB) / 16K HZ sampling (Bluetooth)
	SNR	≥60dB
	Maximum Sound Pressure	118dB SPL @ 1KHz, THD<10%
	Full Duplex Audio	Supported
Speaker	Power	1x 5W Speaker
	Rated Power	5W/4Ω
	Frequency Response	200Hz - 15KHz
	Volume	84dB SPL, 5w, (1m)
Audio Processing	Echo Cancellation	Supported
	Noise Suppression	Supported
	Automatic Gain Control	Supported
	AI Intelligent Noise Reduction	Supported
	Intelligent Reverb Cancellation	Supported
Interface	Host	1x USB-C connector, USB 2.0
	Cascade (previous)	1x RJ45 port, cascade to previous level device
	Cascade (next)	1 x RJ45 port, cascade to next level device
	Power Supply	1x DC
	Lock	1x Kensington
Key	Volume - / Mute / Volume + / Record	
Cascade	Supports 8-level cascade, master-slave multiplexing	
Indicator Bar	The body comes with three (red, green and blue) indicator bands for status indication.	
Battery	Not supported	

Power Supply Method	Power adapter power supply
Working Condition	Storage Temperature: -10℃ – +70℃ Storage Humidity: 20% – 95% Operating Temperature: -10℃ – +50℃ Operating Humidity: 20% – 80% Operating Environment: Indoor
Dimensions (LxWxH)	227.87 x 205.81 x 63.08mm

PRODUCT DIMENSIONS