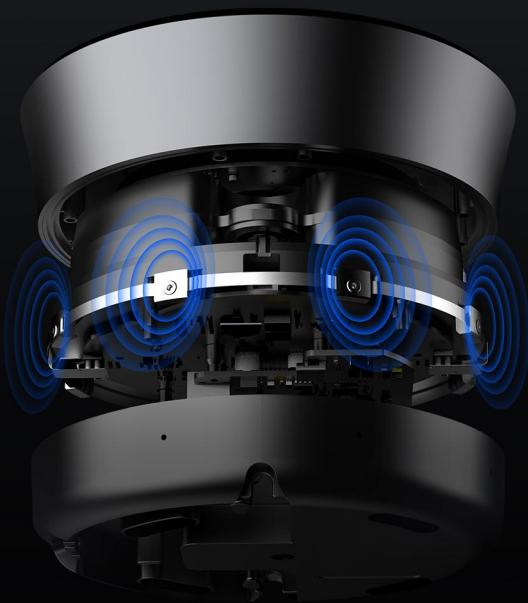


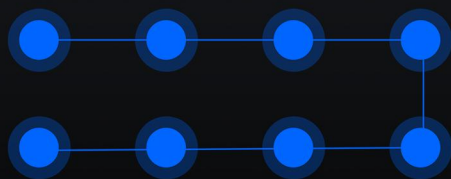
Horion | Wireless omni microphone



8-array mic



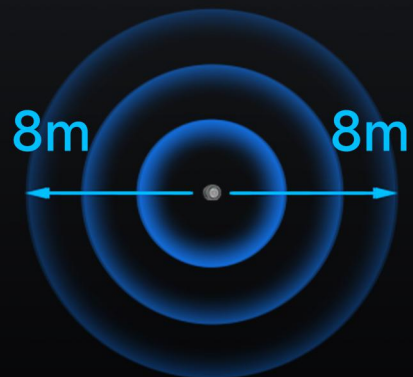
8 microphones cascaded



Hi-Fi High-fidelity speakers



16m pickup distance



Meeting control



5 AI Algorithms



5 AI Algorithms

Clear and detailed vocals

Professional DSP audio processor can suppress reverberation and eliminate echo, easily filter out conference noise and retain clear and delicate human voice. Also equipped with DOA voice tracking algorithm to focus on the speaker's voice, making online meetings just like face-to-face meetings.

- > AI Echo Cancellation
- > AI Automatic Enhancement
- > AI Noise Reduction
- > AI De-Reverb
- > AI Voice DOA



AI Noise Reduction

Remote meetings without interruptions

Intelligently filters all kinds of conference noise, such as conference room echo, keyboard noise, and chair movement noise, retains clear and delicate human voices, and provides high-quality meeting experience for both parties.

Before noise reduction

Air conditioner /keyboard tapping sound...

After noise reduction

Pure vocals



AI De-Reverb Transmit clear voice

Combined with Horion new self-developed de-reverb algorithm, it effectively reduces the reverberation problem caused by the open conference environment and makes the sound pickup clearer.



8-mic cascaded Easy deployment in large scenarios

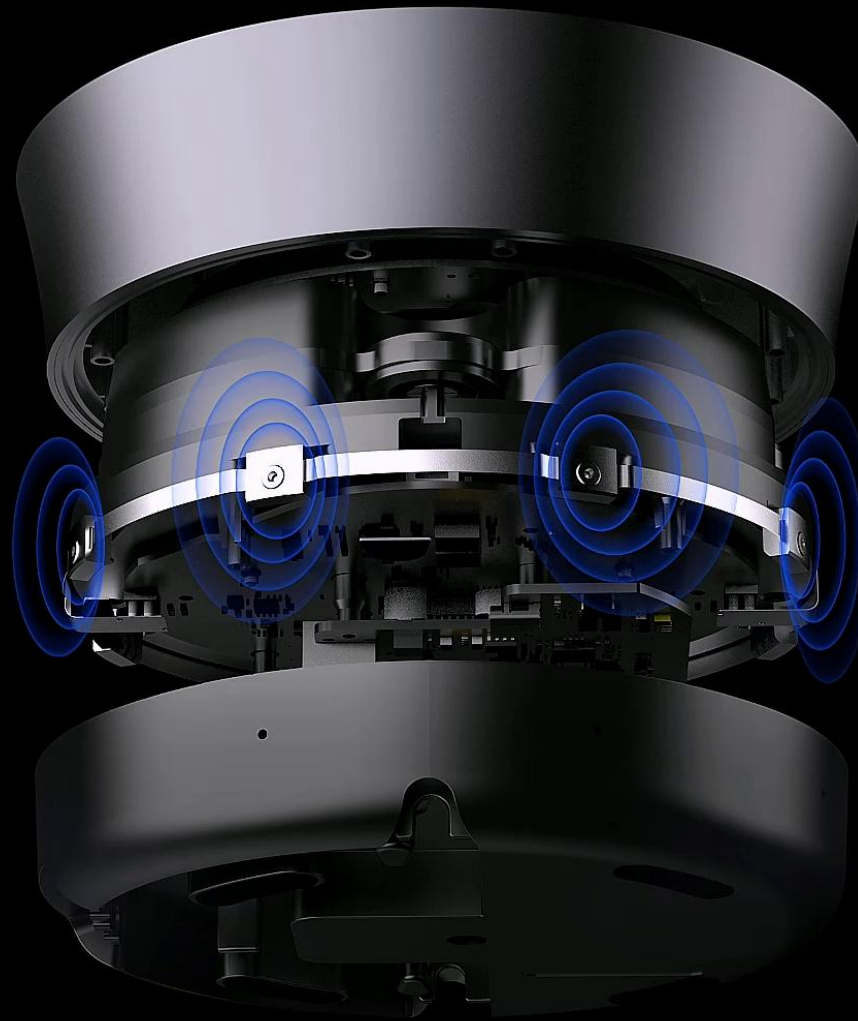
Cascading through Type-C port, it supports 8 microphones to connect at the same time, making the meeting stable and the sound fill the entire larger conference room. And the bottom wire hidden design restores a neat meeting space.



8-array mic Clear sound from all around

8-array high-sensitivity microphones, no matter which direction the speech comes from, it can be heard and transmitted clearly to make remote communication easier.

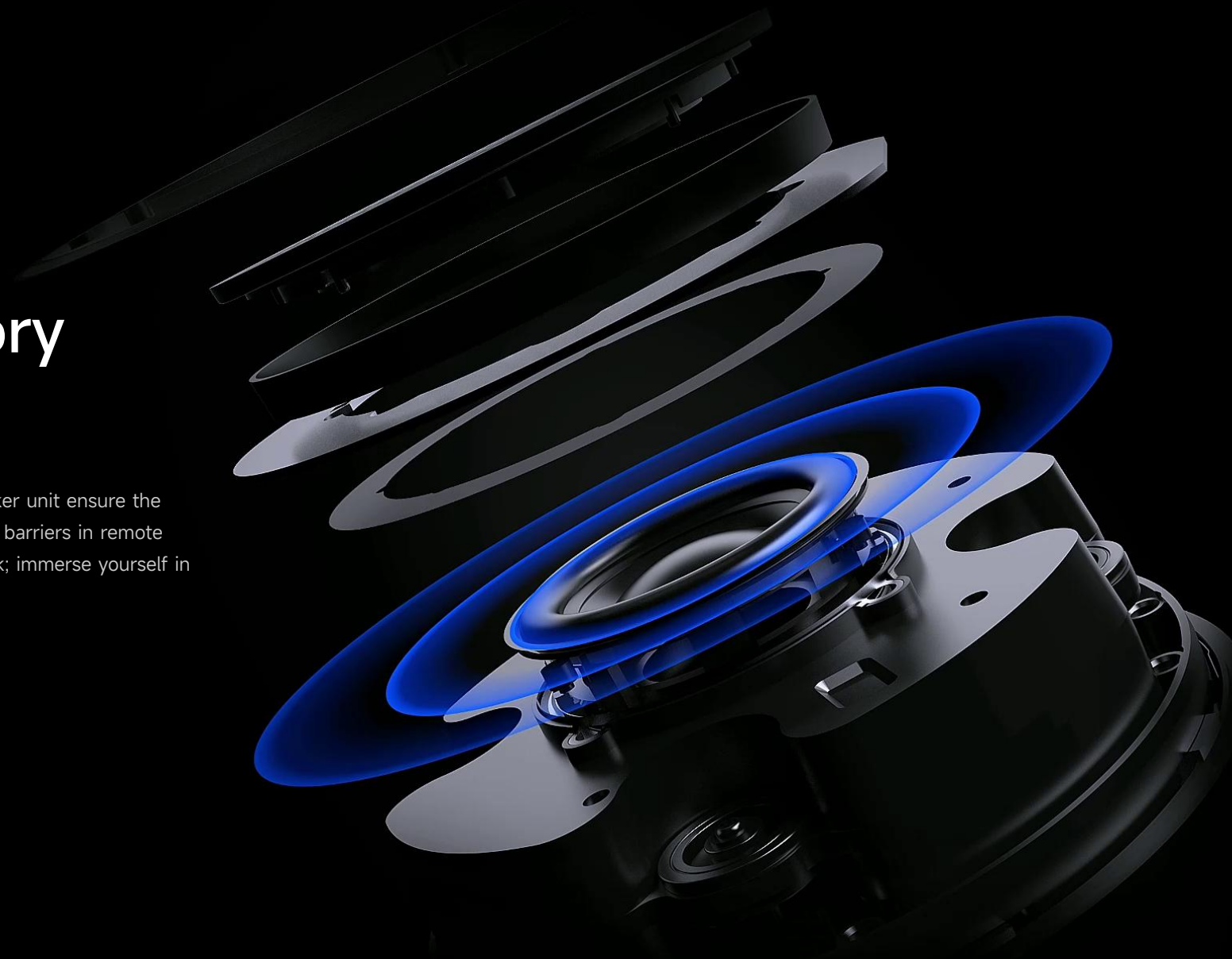
16m pickup distance



Hi-Fi speakers Shocking auditory feeling

2.25-inch high-performance and high-fidelity speaker unit ensure the sound you hear is clear even at long distances. No barriers in remote conference communication, remote music playback; immerse yourself in the sounds of nature while play music.

- > High sound pressure design
- > 5W Hi-Fi high-fidelity speaker
- > Music/voice dual mode switch



Fermat spiral mesh

Unique design beauty

Using a Fermat spiral structure mesh array design, the array mesh expands outward in geometric series, forming endless extensions and orderly changes, creating the beauty of rotationally symmetrical geometry, and bringing a shocking sound field effect with infinite expansion.



Multiple scenarios - smart and versatile



Standard meeting rooms



Middle meeting room



Large meeting room



Product Specification

Pickup

Pickup distance: 16m
Mic array: 8
Frequency: 100Hz~16kHz (32kHz high sampling rate)
Signal-to-noise ratio (MEMS monomer): 65dBA
Sensitivity (MEMS monomer): -26dBFS

Amplification

Channel: 1.0
Power: 1*5W max
Impedance: 4ohm
Maximum sound pressure level: 82dBSPL@1m,PN
Distortion: ≤1%@1W, 1kHz
Noise-signal ratio: ≥75dB
Frequency: 120Hz~18kHz

Bluetooth

Quantity: 1
Connection distance: 10m
USB Bluetooth dongle: audio playback, high-definition audio input
Working frequency: 2.4GHz

Power

Power supply: adapter
Supply voltage: 15V
Supply current: 2.4A

Wireless dongle

Wireless frequency: 2.4GHz
Protocol: Privately-owned
Working distance: 10m
Working frequency: 2.4GHz
Transfer audio bandwidth: Bidirectional 32KHz

I/O interface

Cascade IN: USB Type-C
Cascade OUT: USB Type-C
DC IN: DC2.0
Button: (microphone, volume +, volume-, answer / hang up, Bluetooth)

Accessories

Host model



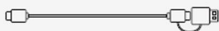
AI microphone*1



USB dongle*1



Power adapter*1



USB cable with USB Type-A to Type-C adapter*1

Cascade model



AI microphone*1



Cascade cable*1

hiorion