Cascading Omnidirectional Digital Array Microphone

PnP / POECascade

Product Features

Digital Array Microphone, Long Distance Voice Pickup

High SNR ring microphone array design, clear pickup from long distance. Let the speaker move around more freely in the room and get rid of the constraints.

Blind Beamforming; Automatic Alignment to Speaker

With blind beamforming technology, precise positioning, adaptive sound field environment can achieve voice enhancement and better anti-interference ability.

Smart Audio Algorithms; Clear Natural Sound

Built-in powerful audio processing unit, ultra-low signal processing delay; Adaptive fast convergence algorithm, voice intelligent tracking, intelligent noise reduction,

echo cancellation, automatic gain, de-reverberation and other advanced technologies, double-talk without suppression, you can easily listen in noisy environments.

For ordinary users, there is no need for professional tuning, and it can be used for regular conference applications when it is turned on. For enthusiast users, you can also open the EQ interface and enter the professional tuner mode for personalized high-end tuning.

PoE Cascading; Even Coverage of Conference Room Pickup

Flexible setting of master and slave devices, multiple cascades through PoE network cables, distributed pickup and interaction, evenly covering medium and large conference room spaces.

Standard Interface; Plug and Play

Equipped with standard USB2.0 and Aux audio interfaces, the device is plug and play, and can meet the dual-mode application of digital and analog audio.

Ceiling/Wall Mounting, Simple and Flexible Deployment

Support ceiling/wall mounting, flexible and fast deployment, and reduce operation and maintenance costs.

Audio Parameters

Microphone Type	Digital Array Microphone
Microphone array	Built-in 6 mics to form a circular array microphone
Pickup Distance	3m
Sensitivity	-38 dBFS
Signal Noise Ratio	64 dB(A)
Frequency Response	50Hz - 16kHz
Automatic Echo Cancellation (AEC)	Support
Automatic Noise Suppression (ANS)	Support
Automatic Gain Control (AGC)	Support

Hardware Interfaces

Network Interface	RJ45 up and down cascade network interface
USB Interface	USB audio interface (Type-C), support UAC1.0 protocol, audio data communication, software upgrade and parameter configuration
Analog Audio	AUX1 , AUX2 line audio input and output

Cascade Function

Cascade Mode	PoE network cable

General Specifications

Power Input	PoE cascade 48V power supply, support IEEE 802.3 at standard / USB 5V 500mA (single)
Dimension	Φ 170mm x H40mm
Net Weight	370g