ROCWARE®

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RM702
Cascading Omnidirectional Digital Array Microphone

3 meter voice pickup · **Plug and Play** · **POE Cascade**

◉ Digital Array Microphone, Long Distance Voice Pickup
Clear long distance voice pickup by high SNR ring microphone array design. Significantly enhance user's experience without constraint.

◉ 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.

◉ PoE Cascading; Evenly Cover a Wide Area
Flexible setting of master and accessory devices, multiple cascades through PoE network cables, distributed pickup and interaction, evenly covering medium to large conference room.

◉ Smart Audio Algorithms; Clear Natural Sound
Powerful audio processing unit, ultra-low signal processing delay; Adaptive fast convergence algorithm, voice intelligent tracking, intelligent noise reduction, echo cancellation, automatic gain, dereverberation and other advanced technologies, dual speaking without suppression, easy listening in noisy environments. For ordinary users, there is no need for professional tuning, and the regular conference application can be satisfied with the boot. For enthusiast users, the EQ interface can also be opened to enter the professional tuner mode for personalized high-level tuning.

◉ Standard Interface; Plug and Play
Equipped with standard USB2.0 and Aux audio interfaces, plug and play setup, apply for dual-mode application of digital and analog audio.

◉ Ceiling/Wall Mounting, Simple and Flexible Deployment
Support ceiling/wall mounting, flexible and fast deployment, reduce operation and maintenance costs.

Audio Parameters	
Microphone Type	Digital Array Microphone
Microphone Array	Built-in 6 mics to form a circular array microphone
Sensitivity	-38 dBFS
SNR	64 dB(A)
Frequency response	50Hz – 16kHz
Sampling Rate	32K sampling, HD broadband audio
Pickup distance	3m
Automatic Echo Cancellation (AEC)	Support
Automatic Noise Suppression (ANS)	Support
Automatic Gain Control (AGC)	Support

Cascade function	
Cascade Mode	POE network cable
Number of cascades	6pcs

General Specifications	
Power supply mode	POE cascade 48V power supply, support IEEE 802.3 at standard / USB 5V 500mA (single unit)
Support system	Windows / Mac / Linux
Installation	Desktop, ceiling
Size	Φ 170 mm X H 40 mm
Weight	0.37g (0.82 lb)

Hardware interface	
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 linear audio input and output