MCB-129D

129-Array Ceiling Microphone

129-Mic Array | 8 Meters Pickup Range | 4 Meters Amplification | Cascade | Sound Reinforcement



Features

- The ceiling microphone has a 129-unit omnidirectional microphone array with a sound amplification distance of 4 meters and a sound pickup distance of 8 meters.
- Acoustic feedback gain ≥15dB, louder volume, less prone to howling, making speech burden--free;
- The ClearVoice AI large model deep algorithm is embedded to accurately identify sounds, remove various noises, and enhance voice signals;
- It supports custom settings for positioning pickup, supports 33 pickup areas, 17 amplification area mode settings, and can support multiple cascading to adapt to different scenarios;
- Rich analog and digital (Dante, USB) audio interfaces, which can be used independently and connected to wireless microphones, etc., without the need for additional audio processors.

Technical Data

Algorithm

Supported Algorithms
AFC、ANS、AEC、AGC、ARR

Acoustic Feedback Gain
≥18dB

Noise Reduction Amplitude
≥30dB

Echo Cancellation Amplitude
≥90dB

Echo Cancellation Length
≥1s

Reverberation Suppression
≥18dB

Maximum Gain
≥30dB

AI Noise Reduction
Support

Automatic Mixing
Support

Beamforming
Support

Sound Source Localization
Support

Hardware

Sampling Rate
48K

Frequency Response
20Hz~20KHz，±0.5dB

SNR
100dB

Distortion Degree
≦0.1%

Input Impedance (Balanced)
20KΩ

Output Impedance (Balanced)
200Ω

Maximum Input Level (Balanced)
4dBu

Maximum Output Level (Balanced)
10dBu

Dante Audio
Support

Cascading Function
Support

485 Central Control Interface
Support

General

Input Power Supply
DC 12V-48V/POE

Power
25W

Operating Temperature
0℃~40℃

Storage Temperature
-20℃~60℃

Dimensions (L x Wx H)
600×600×42.8mm

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