

iSpeaker CM710

Daisy-chaining Digital Ceiling Microphone Array

Datasheet V1.0



Introduction

The iSpeaker CM710 adopts anti-reverberation technology, which can clearly remove the reverberation of environmental noise, and provide you with excellent voice pickup at a 8m long distance. The CM710 digital array microphone available in ceiling mounting, wall-mounted and desktop use in audio and video conferencing, education classrooms, supporting daisy-chaining via PoE network cables.

With a coverage of up to 200 m², there's still no better solution for larger meeting rooms and lecture or collaboration spaces than our industry-leading iSpeaker CM710 ceiling microphone.

The CM710 is a real problem-solver that allows cable free tables and flexible furniture arrangement, while benefits like higher audio quality, efficient setup, simple management and control, a sleek design, and a sustainable impact.

Features

- Digital array microphone, 8 meters long-distance voice pickup
- Innovative daisy-chaining, supporting up to 4 units cascaded.
- Type-C interface, plug and play.
- PoE interfaces, support long-distance power supply and data transmission.
- Intelligent noise reduction, echo cancellation, reverberation suppression and full duplex communication
- Intelligent voice tracking provides adaptability to different sound environments.
- Available for ceiling mounting, wall mounting and desktop use.
- Made of aluminum alloy, exquisite and durable design

Spec

Model	iSpeaker CM710
Name	Daisy-chaining Digital Ceiling Microphone Array
Digital Array Microphone (Model: iSpeaker CM710)	
Microphone Type	Omnidirectional Microphone
Built-in Mic	Built-in 10 Microphone Array
Pickup Distance	8 Meters
Sensitivity	-26 dBFS
Signal Noise to Ratio	>95 dB(A)
Frequency Response	20Hz - 16kHz

Sampling Rate	32kHz Broadband Sampling
USB Protocol	Support UAC
3A Algorithm	AEC/ANS/AGC
Daisy Chain	Max. 4 via RJ45
Interface	1x DC12V, 2x RJ45, 1x 3.5mm,1x Type-C
Digital Array Microphone HUB (Model: CM710-Hub)	
Audio	Audio Long-distance Transmission, Audio Data Communication
Interface	2x 3.5mm OUT, 1x RJ45
USB Interface	1x USB-B
Power Supply	DC12V
Powered By	POE
Digital Array Microphone Mixer (Model: CM710-Mixer)	
Audio	Audio Long-distance Transmission, Audio Data Communication
Interface	2x 3.5mm (1x AUX OUT; 1x IN/OUT), 2x RJ45 PoE, 1x Power, 1x USB C
USB Interface	1x USB-C
Power Supply	DC12V
Powered By	PoE