

Cascading Omnidirectional Digital Array Microphone

RM702 (Michain)



360° Pickup



Up to Six Mic Cascaded



POE-powered



AI Audio Algorithms



Infrared remote control

RM702 is a digital array microphone designed specifically for corporate business conference communication. It can be flexibly cascaded and expanded according to the conference room space, covering the entire room for audio pickup. Equipped with an audio processing unit and AI audio algorithm capabilities, it effectively eliminates various noises, echoes, feedback, and howling in the conference room, providing a high-quality voice communication experience.

DIGITAL MICROPHONE ARRAY



It features a high signal-to-noise ratio ring-shaped microphone array design, achieving 360° omnidirectional audio pickup. This allows speakers to freely move within a larger range in the room, freeing them from constraints.

PoE CASCADING PICKUP



Each individual microphone has an effective pickup distance of 3 meters, and up to 6 microphones can be cascaded using Power over Ethernet (PoE), enabling distributed audio pickup and uniform coverage in medium to large conference rooms.

AI AUDIO ALGORITHMS



It utilizes blind beamforming technology to automatically locate the sound source and capture it accurately. It adapts to the acoustic environment and achieves voice enhancement, providing better anti-interference capabilities.

MULTIPLE INTERFACE OUTPUTS

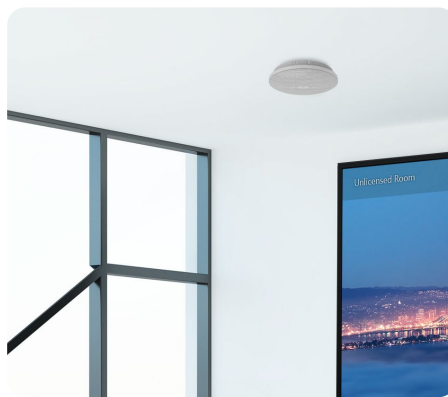


It is equipped with standard USB 2.0 and auxiliary audio interfaces, supporting plug-and-play functionality for both digital and analog audio applications.

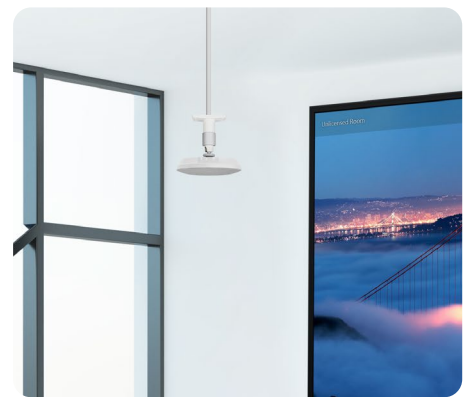
FLEXIBLE INSTALLATION OPTIONS



Desktop



Ceiling



Suspended Ceiling

It supports various installation methods such as desktop placement, ceiling mounting, and suspension. This allows for flexible and quick deployment, reducing maintenance costs.

RM702 SPECIFICATIONS

▼ BASIC PARAMETER

Microphone Type	Omnidirectional microphone
Microphone Array	Built-in six high signal-to-noise ratio mic form a circular array, 360° Omnidirectional sound pickup
Sensitivity	-38 dBFS
Signal-to-noise Ratio	65 dB(A)
Frequency Response	50Hz - 16kHz
Sampling Rate	Clear pickup from 3m
Echo Cancellation	Support
Noise Suppression	Support
Automaticgain Control	Support

▼ HARDWARE INTERFACE

Network Interface	RJ45 upstream and downstream network ports
USB	USB Audio interface (Type-C), UAC1.0 agreement
Analog Audio Interface	AUX1, AUX2

▼ CASCADING FUNCTION

Cascading Mode	PoE
Cascade Quantity	Six sets

▼ GENERAL SPECIFICATION

Power Supply Mode	PoE cascade, 48V power supply, support IEEE 802.3 at / USB 5V 500mA
Support System	Windows / Mac / Linux
Installation Mode	Desktop placement, Suspension mounting
Dimension	170mm (W) × 40mm (H)
Weight	370g



Independent Research and Development



Own Factory



800-416-1895

Localized Audio and Video Technology

For 17 years since its establishment, Rocware has adhered to independent research, development and innovation, continuously invested in improvement, and fully mastered the core algorithm technology in the field of audio and video. The entire product line is independently controllable, safe, reliable, and highly competitive.

Complete Self-owned Supply Chain

Rocware has its own factory, it can independently complete part of the mold design and manufacturing, CNC processing, plastic injection molding and other basic material production. It also has an internationally advanced high-speed double-sided PCB SMT line, precision equipment assembly and testing line, to ensure product quality and stable supply.

Well-developed After-sales Support System

Rocware has set up five major marketing centers around the world, with more than 30 after-sales service outlets. It provides 7*12 hour customer service telephone support, as well as various online and offline technical support and after-sales services to comprehensively ensure the user experience.

ROCWARE®

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