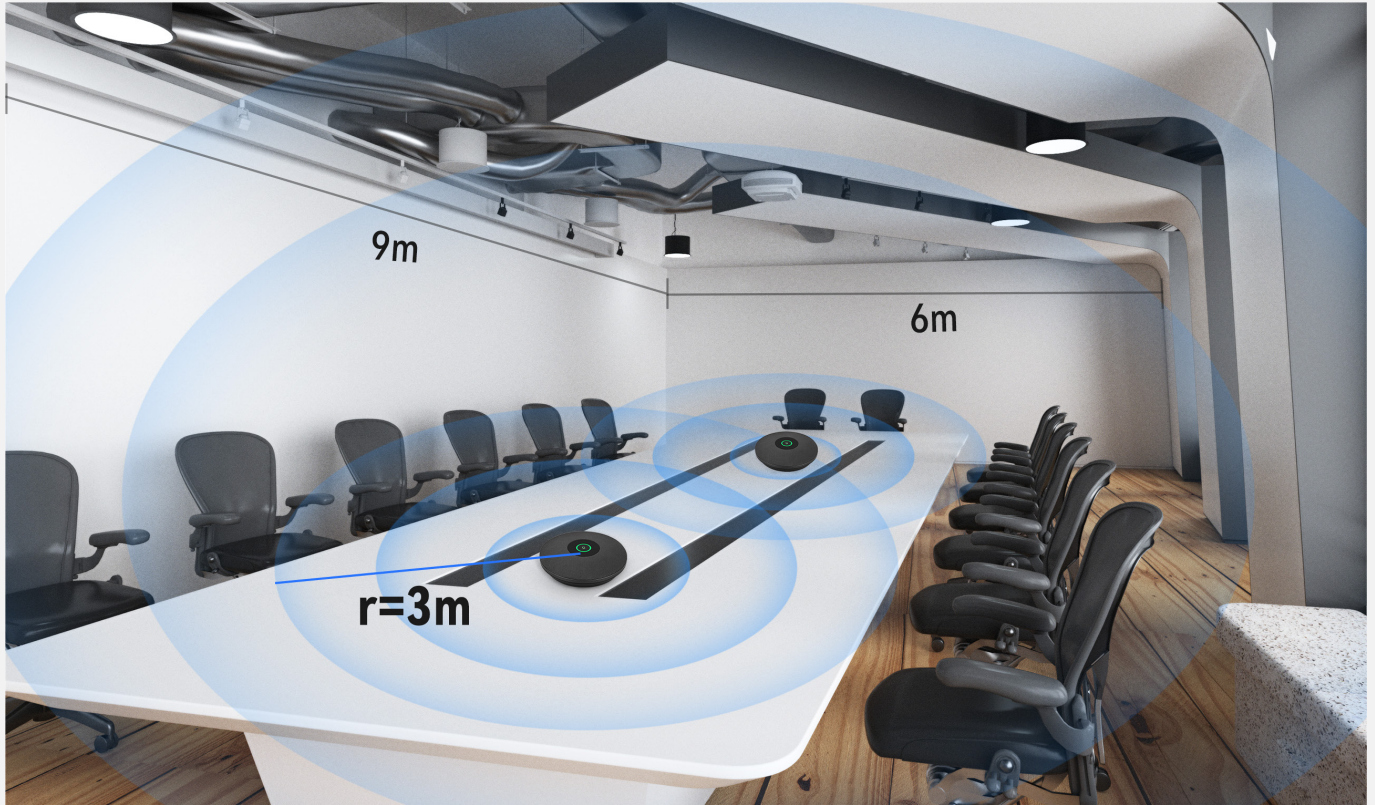# RM702
Conference Cascade Array Microphone

Rocware RM702 Cascade Microphone is a USB microphone that supports POE Cascade, enabling a very flexible setting for the huddle and middle conference room. Since each RM702 is built with an inside mic array and supports blind beamforming, with the cascade array, they are specifically designed to pick the accurate human voices at a long distance and reduce the environmental noises automatically.

POE Cascade to Evenly Cover the Conference Room

Flexible setting of master-slave devices, multiple cascades through,POE network cables, distributed pickup and interaction, evenly covering medium and large conference roomspaces. ultra-high-resolution and almost.

9m

6m

r=3m

Long-distance Voice Pickup

High signal-to-noise ratio ring microphone array design enables long distance pickup, allowing the speaker to move around the room freely in a wider range, free from constraints.
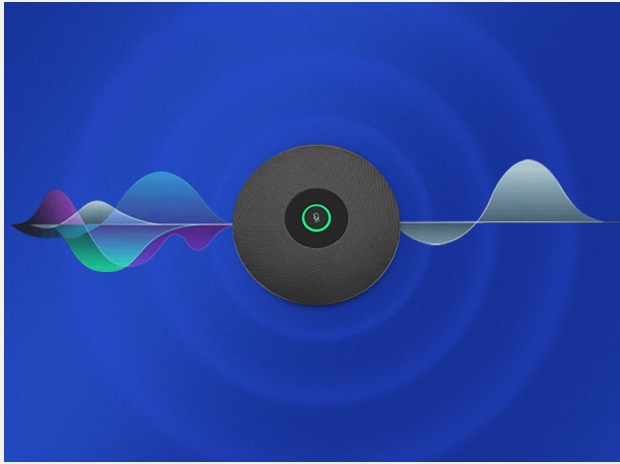

360°

Blind Beamforming

With blind beamforming technology, accurate positioning and adaptive sound field environment, it can achieve voiceen hancement and better anti-interference ability.

High-order Audio Algorithms

Adapts intelligent voice tracking, Automatic Gain Control, Noise Reduction, and Echo Cancellation, de-reverberation and other advanced technologies. Full Duplex, Ultra-low latency.
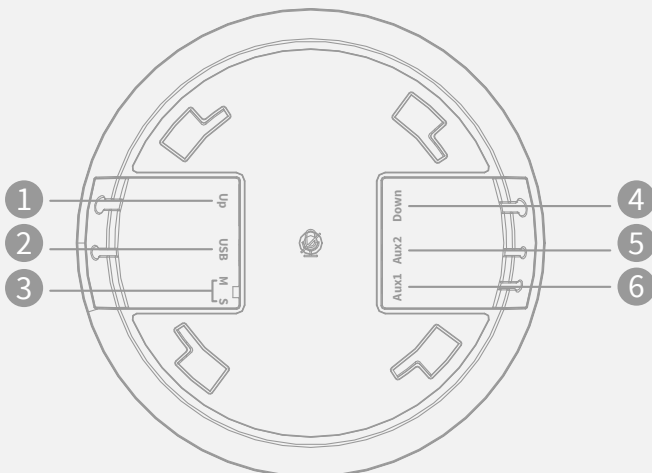
Plug and Play

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

Type-C   AUX

Product Installation

1.Up
Up cascade network interface, cascading up devices through PoE network cable

2.USB
USB audio interface for connecting to the USB host or powering the microphone

3.M/S
Disable

4.Down
Down cascade network interface, cascading down devices through PoE network cable

5.Aux2
Audio input and output interface, the audio reference signal sent from the remote classroom can be output to the local player

6.Aux1
Audio input and output interface, sound collected by the local microphone can be output to the terminal or recording host

General parameters

Microphone Type	Omnidirectional Microphone
Microphone Array	Built-in 6 high SNR microphones form a ring array, 360° omnidirectional pickup
Sensitivity	-38 dBFS
SNR	65 dB(A)
Frequency response	50Hz - 16kHz
Sampling Rate	32K sampling, HD broadband audio
Pickup distance	3 meters pickup
Automatic Gain Control	Support
Noise Reduction	Support
Echo Cancellation	Support

Cascade function

Cascade Mode	POE network cable
Number of cascades	(It is planned to do level 6, which is subject to the final official release)

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 * H 40 mm
Weight	0.37g (0.82 lb)

Hardware interface

Network Interface	RJ45 network port
USB interface	USB audio interface (Type-C), UAC1.0 protocol, audio data communication, software upgrade and parameter configuration
Analog audio	AUX1, AUX2 linear audio input and output

ROCWARE®

ROCWARE CORPORATION

Web : www.rocware.com

TEL : +1-800-416-1895

Address : 1770 Evergreen St., Duarte, CA 91010, USA

Mail : rocware@rocware.com

www.rocware.com

Customer Service: • 1 Year Free Warranty • 7 X 24 Hours Service • Local Service & Support