

Ceiling Array Microphone

RM-CG



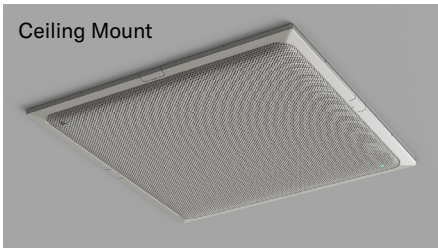
A ceiling array microphone equipped with unique audio signal processing technology that enables high-quality communication

- “Multi beam tracking” that scans for human voice and track simultaneous speech allowing for lively conversations
- Utilizes innovative Yamaha technologies like Adaptive Echo Cancellor, Auto Gain Control, Noise Reduction, and Dereverberation
- Automatic detection and configuration with Remote Conference Processor RM-CR
- Standard network audio support for “Dante”
- Utilizes one PoE+ network cable connection avoiding troublesome wiring and enabling audio control via Dante
- Supports 3 types of mounting methods for use with a variety of ceiling conditions

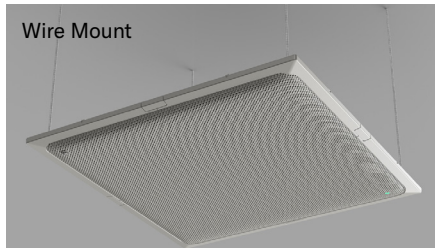
Installation

Supports 3 types of mounting methods for use with a variety of ceiling conditions.

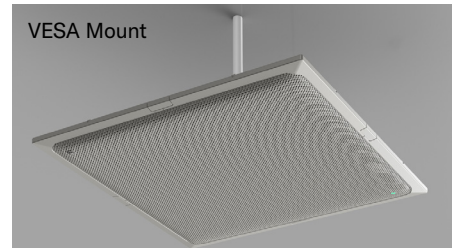
Ceiling Mount



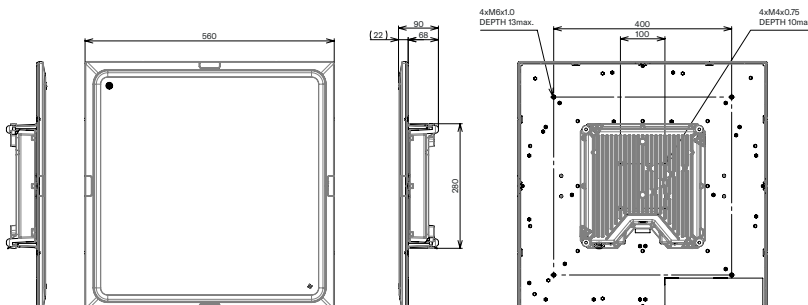
Wire Mount



VESA Mount

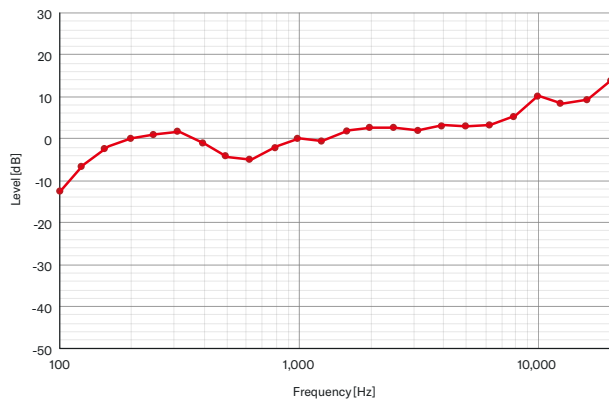


External View

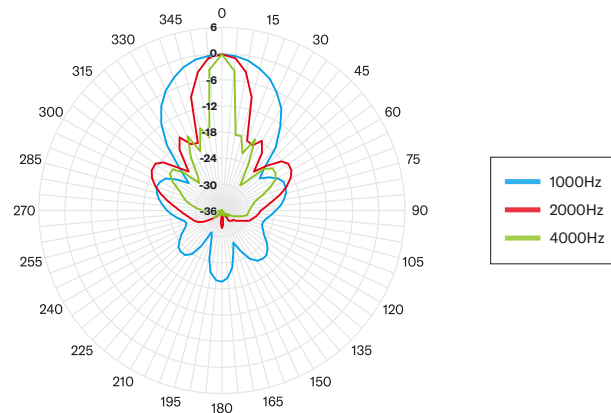


Unit: mm

Frequency Response



Directional Characteristics



Specifications

General	Dimensions		560 (W) x 90 (H) x 560 (D) mm (includes protrusion/microphone panel: 22mm)
	Weight		5.6kg
	Power Requirements		PoE (IEEE 802.3af), DC 48V
	Maximum Power Consumption		7.2W
	Connector		RJ45
	In Operation	Temperature	0°C - 40°C
		Humidity	30% - 90% (no condensation)
	Storage	Temperature	-20°C - 60°C
		Humidity	20% - 90% (no condensation)
	Indicator		Front indicator (Mute/Unmute & Status), Network port indicator
	Mount		Ceiling mount, Wire mount, VESA mount
	Accessories * Including a spare respectively		Construction description, (Guarantee), Grille x 1, Screws for grille (M3 x 8mm) x 5*, Screw cover x 4, Cutting template x 1, C ring x 1, Screws for C ring x 2, Hanger angle x 1, Screws for hanger angle (M4 x 20mm) x 5*, Terminal cover x 1, Safety wire x 1, Binding band x 1, Clamp plate x 2

Dust Protection		IP5X for dust protection (with terminal cover)
Plenum Rating		UL2043 (with terminal cover)

Network	Ether		Dante, Remote Control, Web UI, PoE
	Cable Requirements		Cat 5e or higher (STP)
Audio	Audio I/O	Dante	1in/2out
	Sampling Rate		48kHz
	Bit Depth		24bit
	Latency		58ms (including signal processing)
	Frequency Response		160Hz - 16kHz (-10dB)
	Maximum Input Level of SPL (0dBFS)		117.8dB SPL
	Self Noise		-0.8dBA SPL
	SN Ratio (Ref. 94dB SPL at 1kHz)		94.8dBA
	Sensitivity		-23.8dBFS/Pa
	Dynamic Range		118.6dBA

Signal Processing		Multi Beam Tracking, Adaptive Echo Canceller, Noise Reduction, Dereverberation, Auto Mixer, Auto Gain Control, Parametric EQ, Output Gain
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