

Ceiling Array Microphone

RM-CG

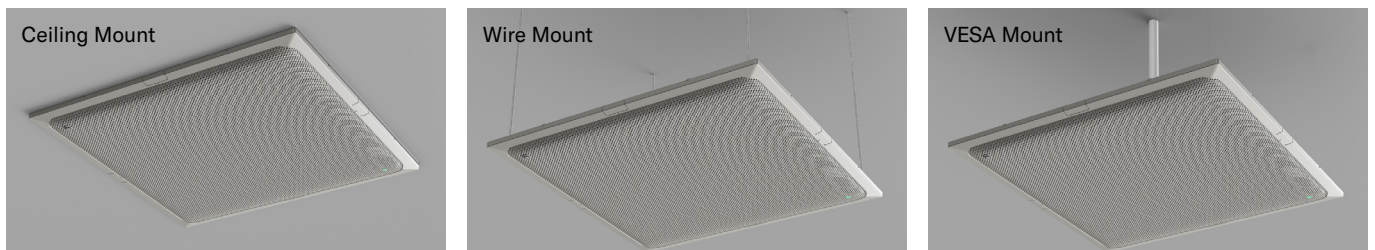


A ceiling array microphone equipped with unique audio signal processing technology that enables high-quality communication

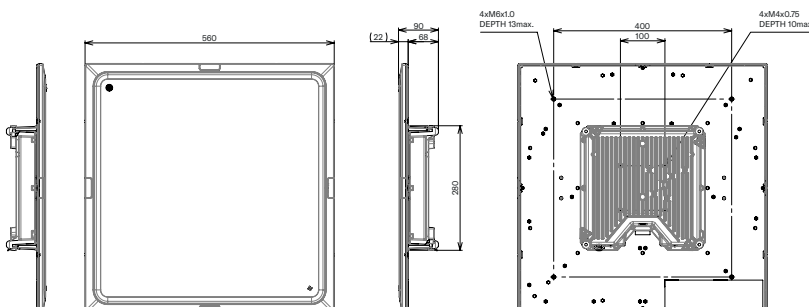
- “Dynamic Voice Tracking” that scans for human voice
- Four “Auto Tracking Beams” track simultaneous speech allowing for lively conversations
- Utilizes innovative Yamaha technologies like Adaptive Echo Canceller, Automatic Gain Control, Noise Reduction, and Dereverberation
- Automatic detection and 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.

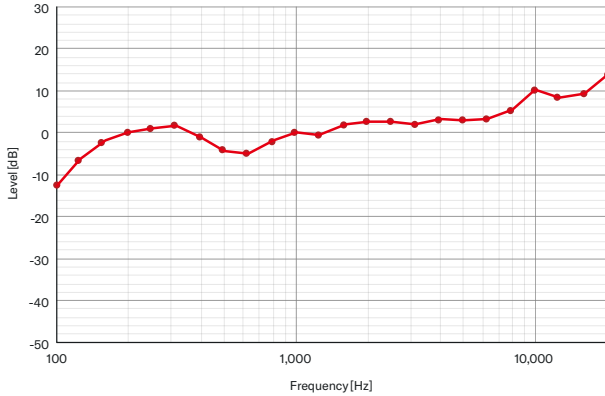


External View

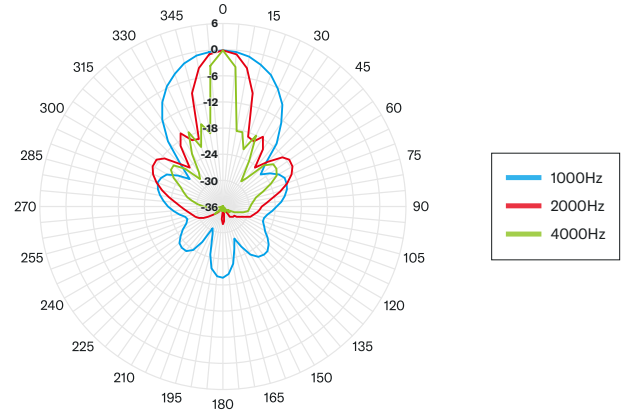


Unit: mm

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 1 spare	Installation manual, Grill x 1, Grill fixing screw (M3 x 8mm) x 5*, Screw cover x 4, Drilling pattern x 1, C ring x 1, C ring fixing screw x 2, U-shaped bracket x 1, U-shaped bracket fixing screw (M4 x 20mm) x 5*, Terminal cover x 1, Safety wire x 1, Cable tie x 1, Temporary retaining bracket x 2		
	Dust Protection	IP5X equivalent (when using junction cover)		
Plenum Rating	UL2043 (with junction 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	56ms (including DSP)	
	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	Dynamic Voice Tracking, Auto Tracking Beamforming, Adaptive Echo Canceller, Noise Reduction, Dereverberation, Auto Mixer, Automatic Gain Control, Parametric Equalizer, Output Gain	