RM-CG CEILING ARRAY MICROPHONE for ADECIA Solutions

One RM-CG covers
an area of ~ 50m^2

Available only in combination with YAMAHA SPEAKER BUNDLES for ADECIA Solutions to get full ADECIA advantages

SPECIAL FEATURES OF THE COMPLETE ADECIA SOLUTION

HIGH SCALABILITY
For medium sized to bigger rooms, from 5 to 50 people

PLUG & PLAY
Easy to install and operate with a web based User Interface – works with all conferencing platforms

BEST AUDIO QUALITY
Professional Audio Quality for your Conference from Input to Output thanks to Yamaha's Technologies
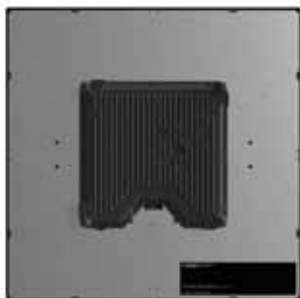
AUTO TUNE SETUP
Unique "Auto Room Tuning" sets all parameters of the devices to get the best acoustic settings for the room

Dante

RM-CG CEILING ARRAY MICROPHONE

- FOCUSES ON VOICES AND ELIMINATE UNWANTED SOUNDS AND NOISES
- 4 DYNAMIC AUTO TRACKING BEAMS TO CAPTURE EVERYONE IN A ROOM,
- NO BLIND SPOTS
- BUILD IN AUDIO POST PROCESSING FOR OUTSTANDING INTELLIGIBILITY
  - ACOUSTIC ECHO CANCELLATION
  - DYNAMIC VOICE TRACKING
  - AUTO GAIN CONTROL
  - NOISE REDUCTION
  - DE-REVERBERATION (REMOVING IN-ROOM ECHO)
  - AUTO MIXING OF 4 DYNAMIC BEAMS
  - UNIQUE HUMAN VOICE ACTIVITY DETECTION (HVAD)
- DANTE AUDIO, CONTROL TRANSMISSION AND POE SUPPLY TROUGH 1 LAN CABLE
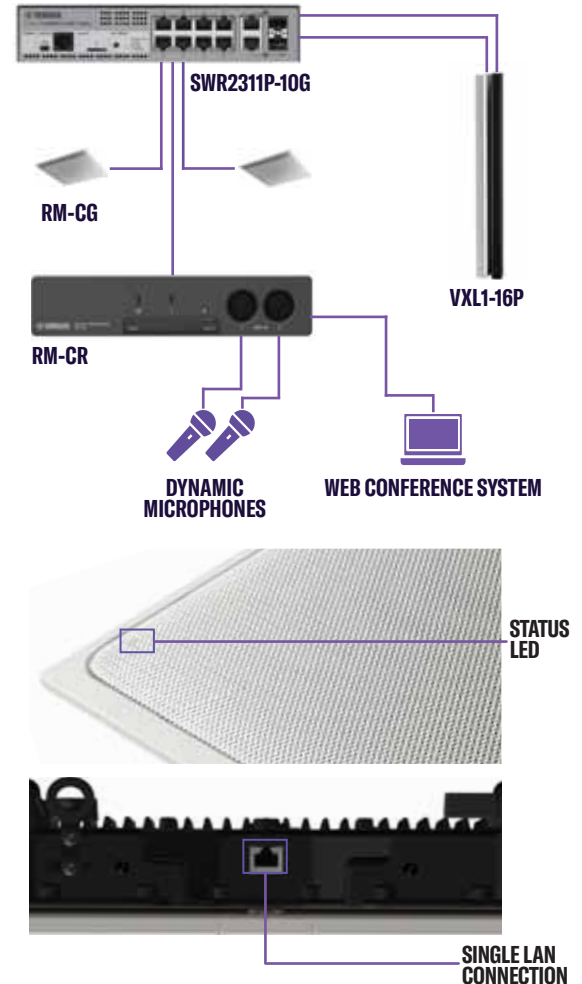- 3 MOUNTING METHODS

Important:
The RM-Series microphones can be only sold together with a Speaker Bundle for ADECIA. Only the combination delivers the outstanding performance and quality of the ADECIA solution.
In addition a Level 2 PoE Switch is needed as the main components are powered over Ethernet!

SPECIFICATIONS

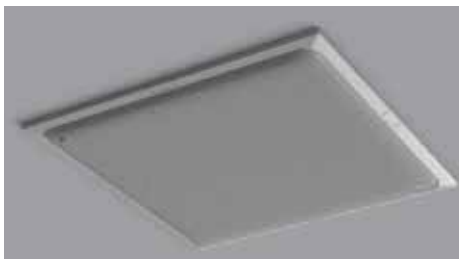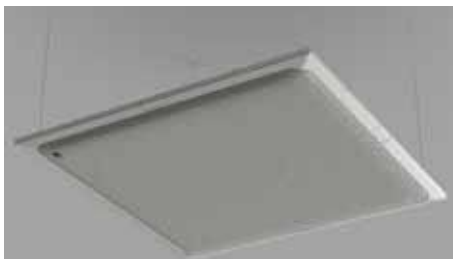| RM-CG CEILING ARRAY MICROPHONE		
General	Dimensions	560 (W) x 90 (H) x 560 (D) mm (including protrusion/microphone panel: 22mm)
	Weight	5.6kg
	Power Requirements	PoE (IEEE 802.3af)
	Maximum Power Consumption	7.2W
	Connector	RJ-45
	In Operation — Temperature	0°C - 40°C
	In Operation — Humidity	30% - 90% (no condensation)
	Storage — Temperature	-20°C - 60°C
	Storage — Humidity	20% - 90% (no condensation)
	Indicators	Front indicator (Mute/Unmute & Status), Network port indicator
	Mount	Ceiling mount, Wire mount, VESA mount
	Maximum Device Number with RM-CR	4
	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	Ethernet	Dante, Remote Control, Web UI, PoE
	Cable Requirements	CAT5e 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

INSTALLATION EXAMPLE - CEILING SOLUTION

SWR2311P-10G

RM-CG

RM-CR

VXL1-16P

DYNAMIC MICROPHONES

WEB CONFERENCE SYSTEM

STATUS LED

SINGLE LAN CONNECTION

COMPONENTS

- RM-CR
- SWR2311P-10G
- RM-CG
- VXL1-16P

MOUNTING METHODS

FLUSH MOUNT

WIRE HANGING

VESA

Bundle Set Nr.	Product Name	Description
CRMCGW	RM-CG (white)	YAMAHA Ceiling array Microphone RM-CG, white
CRMCGB	RM-CG (black)	YAMAHA Ceiling array Microphone RM-CG, black