YAMAHA
Make Waves
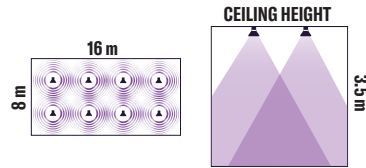
PROFESSIONAL AUDIO FOR CONFERENCING

SPEAKER BUNDLE – CEILING 2 for ADECIA Solutions (Black or White)

For rooms up to 130m²

CEILING HEIGHT

16 m

8 m

3.5 m

RM-CG   **RM-TT**

Available only in combination with
YAMAHA RM-Series Microphones
for the 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

RM-CR CONFERENCE PROCESSOR

- "BRAIN" OF THE ADECIA SOLUTION
- EQUIPPED WITH THE AUTO TUNING FUNCTIONS FOR THE OPTIMUM SOUND SETTINGS FOR THE ENVIRONMENT
- AUTO DEVICE DETECTION, AUDIO ROUTING & AUTOMATIC AUDIO MIXING
- DANTE FOR CONNECTION WITH MICS/SPEAKERS, POE POWERED
- VARIOUS INPUT/OUTPUT CONNECTIONS: USB, VOIP, BLUETOOTH, ANALOG AUDIO
- MULTIPLE RJ45S FOR NETWORK SEPARATION

Dante

PA 2120 POWER AMPLIFIER

- SUPPORTING: LO-Z (120W x2CH @4Ω OR 100W x2CH @3Ω/8Ω) AND HI-Z (120W x2CH OR 200W x1CH, 70V/100V) SPEAKER SYSTEMS
- 1 STEREO/2MONO LINE INPUTS
- BUILT-IN SPEAKER EQ OPTIMUM FOR YAMAHA VXC/VXS SERIES SPEAKERS
- OUTPUT EQ FOR OPTIMIZING THE SOUND OF EACH OUTPUT CHANNEL

VXC4 / VXC4W Ceiling Speaker (8 units)

- 4" FULL-RANGE, BASS-REFLEX CEILING SPEAKER
- COVERAGE ANGLE : 130º CONICAL
- POWER RATING (IEC, 100H): NOISE: 30 W, PGM: 60 W, MAX: 120 W
- NOMINAL IMPEDANCE: 8 OHMS

Important:
The Speaker Bundles for ADECIA can be only sold together with a RM-Series microphone, like the RM-CG Ceiling or RM-TT Tabletop Microphone. 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!

PROFESSIONAL AUDIO FOR CONFERENCING

SPECIFICATIONS

RM-CR CONFERENCE PROCESSOR		
General	Dimensions	215 (W) x 44 (H) x 260 (D) mm
	Weight	1.6kg
	Power Requirements	PoE+ (IEEE 802.3at, LLDP)
	Maximum Power Consumption	15.0W
	Accessories	Installation manual, USB cable (A-B) 5m (16.4ft), USB cable (A-microB) 1m (3.3ft), Rubber foot x 4, Access panel
	Options	Rack Mount Kit RM-MTL, Table Mount Kit RM-MRK
	Network	Dante, Remote Control, Web UI, PoE+
	Audio I/O Dante	16in/16out
	USB	USB2.0, Audio Class 1.0, Input: 2ch, Output: 2ch @48kHz
	Microphone Input	XLR Balanced, Input: 2ch
	AUX	RCA Unbalanced (Line Level), Input: 2ch, Output: 2ch
	Speaker Out	RCA Unbalanced (Line Level), Output: 2ch
	SIP	Input/Output
	Bluetooth	Stereo Input/Output. Ver. 4.2 wireless out: class 2
	Auto mixer	Equipped with Auto mixing function, with choice of either Gain share or Gate.
	EQ	The input system has 5 band EQ and output system has 6 band room EQ.
	AGC	Auto Gain Control is available on all audio inputs.
	FBS/ES	Feedback and Echo Suppression is available on the analogue microphone inputs. Audio feedback and echo of sound.

THIS BUNDLE CONTAINS

RM-CR

PA 2120 POWER AMPLIFIER

VXC4 / VXC4W Ceiling Speaker (8 units)

COMPONENTS

- RM-CR
- PA 2120
- VXC4/VXC4W

PA2120 POWER AMPLIFIER		
General	**Output power** 1kHz (THD+N=1%: 3Ω)	100W x 2 (20ms Burst)
	1kHz (THD+N=1%: 4Ω)	120W x 2 (20ms Burst)
	1kHz (THD+N=1%: 8Ω)	100W x 2 (20ms Burst)
	High impedance: 100V line	120W x 2 or 200W x 1
	High impedance: 70V line	120W x 2 or 200W x 1
	Power Requirements	100V, 120V, 230V - 240V, 50Hz / 60Hz
	Power Consumption	60W (1/8 max power, 4Ω, AC100V, pink noise at all channels)
	I/O Connectors Line Input	Input A-B:MONO RCA pin x 2 (unbalanced) or 3.5mm Euro block (6-pin, balanced)
	Speaker Output	Barrier strip x 2 pairs
	High level Output	THRU OUT: MONO RCA pin (unbalanced) x2
	Control Ports	RJ-45 (for DCP4V4S, DCP1V4S , DCP4S), Remote (3.5mm Euro block 3-pin)
	Input Level	Line input (unbalanced): -10dBV (Sensitivity), -10dBV (Nominal), +10dBV (Max before clip) / Line input (balanced): +4dBu (Sensitivity), +4dBu (Nominal), +24dBu (Max before clip)
	Dimensions	(W) 480mm (H) 45mm (D) 379mm
	Net Weight	4.8kg (10.6lbs)
	Operating Temperature	0°C to + 40°C, Storage Temperature: -20°C to + 60°C

VXC4 / VXC4W CEILING SPEAKER		
General	Speaker type	Full-range, Bass-reflex
	Frequency range (-10dB)	80Hz - 20kHz (Half-space:2π)
	Nominal coverage	130° conical (Half-space:2π)
	Components LF-HF	4" full-range
	Power rating NOISE	30W
	PGM	60W
	PEAK	120W
	Nominal impedance	8Ω
	Transformer taps 100V	30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ)
	70V	30W (170Ω), 15W (330Ω), 7.5W (670Ω), 3.8W (1.3kΩ)
	I/O connectors	1x Ceramic terminal block (3P) (input: +/-, Earth)
	Finish	VXC4-VA: Black / VXC4-VAW: White
	Waterproof	IP32
	Dimensions Diameter / D	225mm (8.9") / 232mm (9.1")
	Net weight	2.6kg (5.7lbs)
	Cutout size	Ø186 mm (Ø7-5/16")
	Required ceiling board thickness	5 mm – 35 mm
	Accessories	O-ring, Tile Rail, Cutout Template
	Certificate	UL1480, UL2043, NFPA70, CE, EAC, RoHS

ADECIA SPEAKER BUNDLES SETS

Bundle Set Nr.	Product Name	Description
CADSB4XCBA21	ADECIA Speaker Bundle Set Ceiling 2, black	ADECIA Speaker Bundle Set Ceiling 2 with RM-CR Core Processor & 8 x black VXC4 ceiling speakers & PA2120 Amplifier.
CADSB4XCWA21	ADECIA Speaker Bundle Set Ceiling 2, white	ADECIA Speaker Bundle Set Ceiling 2 with RM-CR Core Processor & 8 x white VXC4 ceiling speakers & PA2120 Amplifier.

SC_SB_CE2_EN_V1.0_02-22