

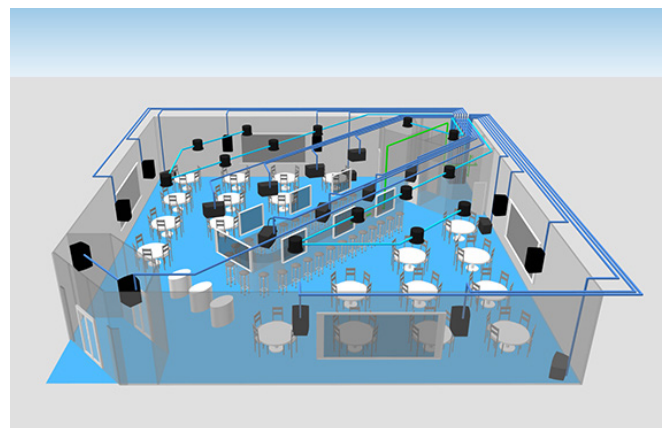
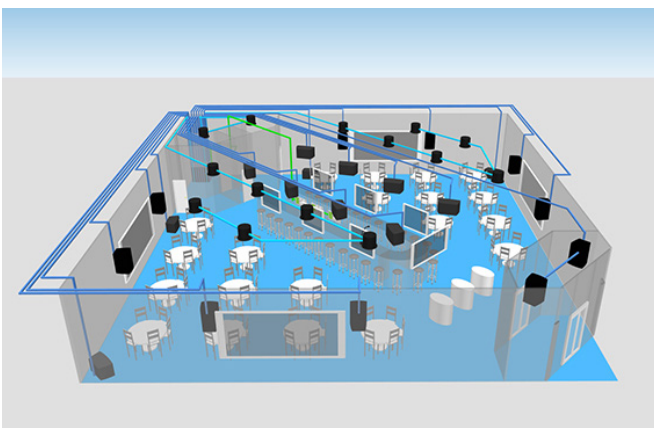
High quality zoned BGM and stereo TV sound

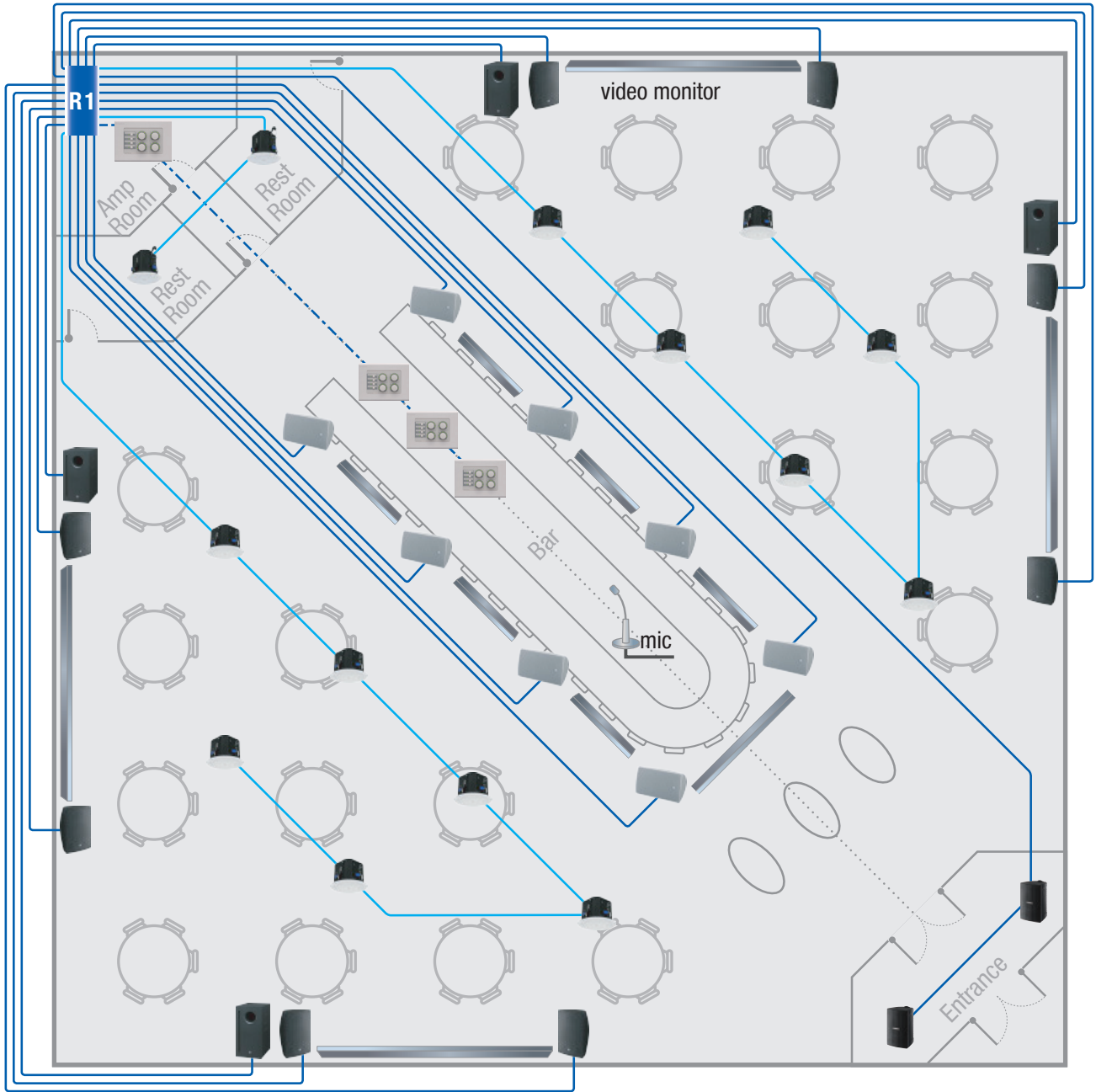
System Overview

Speakers have been set up to provide enhanced stereo sound for sporting events shown on video monitors. The inclusion of subwoofers adds realism and a sense of “being there.” The bar and general seating area can be assigned as different zones, allowing different sources to be delivered with independently adjustable volume to suit different events and applications.

Key Features

- Yamaha CIS speaker systems deliver equally high sound quality whether used at low volume for BGM or higher volume for featured sound.
- An MTX matrix processor and XMV multi-channel amplifier make it possible to deliver different sources to the bar, main seating area, and washrooms from a central location.
- The Priority Ducker function provided in the MTX processor automatically reduces the volume of the music when announcements are made via a microphone.





1m

- analog cable
- speaker cable: 8Ω
- speaker cable: 100v
- - - CAT5E cable

R1

Cable Broadcast Receiver


mic


Component List


Name	VXC4 ceiling speaker	VXC6 ceiling speaker	VS4 speaker	VXS5 speaker	VXS8 speaker	VXS10S sub woofer
						
Qty	2	12	2	8	8	4
Name	DCP4V4S controller	XMV4280 amplifier	XMV8280 amplifier	XMV4140 amplifier	XMV8140 amplifier	MTX5-D matrix
						
Qty	4	1	1	1	1	1
Name	MTX3 matrix	CD-C600RK CD player				
						
Qty	1	1				


Cable List


Name	analog cable	speaker cable: 8Ω	speaker cable: 100v	CAT5E cable
Length	10m	330m	85m	25m


	VXC4 ceiling speaker	Speaker type Full range, Bass reflex Components 4" Full range Coverage Angle 130° conical Nominal Impedance 8Ω
	Power Rating PGM 60W Sensitivity (1W,1m) 87dB SPL Frequency Range (-10dB) 80Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 30W (170Ω), 15W (330Ω), 7.5W (670Ω), 3.8W (1.3kΩ) 100V 30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ) Dimensions (Ø x H) Ø225 x 195mm (Ø8.9 x 7.7") Weight 2.6kg (5.7lbs)	


	VXS8 speaker	Speaker type 2-way, Bass reflex Components LF 8" Cone HF 1" Soft dome Coverage Angle (H x V) 100° x 100° Nominal Impedance 8Ω
	Power Rating PGM 180W Sensitivity (1W,1m) 91dB SPL Frequency Range (-10dB) 51Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 60W (83Ω), 30W (170Ω), 15W (330Ω), 7.5W (670Ω) 100V 60W (170Ω), 30W (330Ω), 15W (670Ω) Environmental Dimensions IP35 278 x 430 x 239mm (10.9 x 16.9 x 9.4") Weight 8.2kg (18.1lbs)	


	VXC6 ceiling speaker	Speaker type 2-way, Coaxial type, Acoustic suspension Components LF 6.5" Cone HF 0.75" Soft dome Coverage Angle 110° conical Nominal Impedance 8Ω
	Power Rating PGM 150W Sensitivity (1W,1m) 86dB SPL Frequency Range (-10dB) 56Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 60W (83Ω), 30W (170Ω), 15W (330Ω), 7.5W (670Ω) 100V 60W (170Ω), 30W (330Ω), 15W (670Ω) Dimensions (Ø x H) Ø286 x 205mm (Ø11.3" x 8.1") Weight 4.4kg (9.7lbs)	


	VXS10S sub woofer	Speaker type Subwoofer, Bass reflex Components LF 10" Dual voice coil Nominal Impedance 8Ω + 8Ω
	Power Rating PGM 200W + 200W Sensitivity (1W,1m) 96dB SPL Frequency Range (-10dB) 45Hz - 250Hz Connectors Input: 1x Euroblock (4P) (CH1: +/-, CH2: +/-) Satellite Output: 1x Euroblock (4P) (ST1: +/-, ST2: +/-) Dimensions (W x H x D) 260 x 500 x 389mm (10.2 x 19.7 x 15.3") Weight 16.5kg (36.4lbs)	


	VS4 speaker	Components LF 4" Cone HF 1" Balanced Dome Coverage Angle (H x V) 110° x 110° Nominal Impedance 8Ω
	Power Rating PGM 30W Sensitivity (1W,1m) 88dB SPL Frequency Range (-10dB) 100Hz - 20kHz Connectors 2 pairs of barrier strip (parallel-wired) Transformer Taps 70V 15W, 7.5W, 3.8W, 1.9W 100V 15W, 7.5W, 3.8W Environmental Dimensions IEC60529 IPX3 splash proof rating 152 x 243 x 172mm (6 x 9-9/16 x 6-3/4") Weight 1.9kg (4.2lbs)	


	DCP4V4S controller	Connectors 2x RJ45 Wiring Max cable length up to 200m, Up to 8 controllers per MMTX with CAT5 cable Control RS485, Power over Ethernet Dimensions (WxHxD) US: 162 x 120 x 47mm (6.4 x 5.5 x 1.9") EU: 147 x 86 x 47mm (5.8 x 3.4 x 1.9") not including wall box Weight US: 235g (0.52lbs) EU: 175g (0.39lbs)
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	VXS5 speaker	Speaker type 2-way, Bass reflex Components LF 5.25" Cone HF 0.75" Soft dome Coverage Angle (H x V) 120° x 120° Nominal Impedance 8Ω
	Power Rating PGM 150W Sensitivity (1W,1m) 89dB SPL Frequency Range (-10dB) 62Hz - 20kHz Connectors 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) Transformer Taps 70V 30W (170Ω), 15W (330Ω), 7.5W (670Ω), 3.8W (1.3kΩ) 100V 30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ) Environmental Dimensions IP35 176 x 280 x 163mm (6.9 x 11.0 x 6.4") Weight 3.6kg (7.9lbs)	


	XMV4280 Amplifier	Output Power 4Ω / 8Ω 280W x 4 1kHz, THD+N = 1% 4Ω / Double Power Mode 560W x 2 8Ω / Double Power Mode 560W x 2 High impedance 100V line/70V line 250W x 4 Voltage Gain RL=8Ω 31.7dB RL=8Ω/Double Power Mode 34.7dB 100V 38.2dB 70V 35.2dB +4dBu Input Sensitivity RL=8Ω S/N Ratio A-weighted ≥ 100dB THD+N 1kHz, half power ≤ 0.2% Frequency Response RL=8Ω, 100V/70V, Po=1W, 20Hz - 20kHz 0dB, ±1.0dB Maximum Input Level +24dBu Power Requirements 100V, 120V, 230V-240V; 50Hz/60Hz Dimensions (WxHxD) 480 x 88 x 422mm (18.9" x 3.5" x 16.6") Weight 8.1kg (17.9lbs)
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	Output Power 4Ω / 8Ω 280W x 8 1kHz, THD+N = 1% 4Ω/Double Power Mode 560W x 4 8Ω/Double Power Mode 560W x 4 100V line/70V line 250W x 8
	High impedance Voltage Gain RL=8Ω 31.7dB RL=8Ω/Double Power Mode 34.7dB 100V 38.2dB 70V 35.2dB +4dBu
	Input Sensitivity RL=8Ω ≥ 100dB S/N Ratio A-weighted THD+N 1kHz, half power ≤ 0.2% Frequency Response RL=8Ω, 100V/70V, Po=1W, 0dB, ±1.0dB 20Hz - 20kHz Maximum +24dBu
	Input Level Power Requirements 100V, 120V, 230V-240V; 50Hz/60Hz Dimensions (WxHxD) 480 x 88 x 422mm (18.9" x 3.5" x 16.6") Weight 10.1kg (22.3lbs)

	Mixing Capacity Mixing Channel : 8 Mono + 3 Stereo + 2 Effect Return + 8 Insert Output Busses : 8 Mono
	Input CH Functions Mono CH : 3-band PEQ, Comp, Gate, Auto Gain Control, Feedback suppressor (only available in ch 1-4) Stereo CH: 3-band PEQ, Comp, Auto Gain Control 48kHz / 44.1kHz
	Sampling frequency Signal delay Less than 2.5ms (AD-DA @48kHz) Frequency Response 20Hz to 20kHz, +0.5dB, -1.5dB Dynamic range 107dB (Gain:-6dB) Power Requirements AC100V-240V; 50Hz / 60Hz Dimensions (W x H x D) 480 x 44 x 362mm (18.9" x 1.7" x 14.3") Weight 4.8kg (10.6lbs)

	Output Power 4Ω / 8Ω 140W x 4 1kHz, THD+N = 1% 4Ω/Double Power Mode 280W x 2 8Ω/Double Power Mode 280W x 2 100V line/70V line 125W x 4
	High impedance Voltage Gain RL=8Ω 28.7dB RL=8Ω/Double Power Mode 31.7dB 100V 38.2dB 70V 35.2dB +4dBu
	Input Sensitivity RL=8Ω ≥ 100dB S/N Ratio A-weighted THD+N 1kHz, half power ≤ 0.2% Frequency Response RL=8Ω, 100V/70V, Po=1W, 0dB, ±1.0dB 20Hz - 20kHz Maximum +24dBu
	Input Level Power Requirements 100V, 120V, 230V-240V; 50Hz/60Hz Dimensions (WxHxD) 480 x 88 x 422mm (18.9" x 3.5" x 16.6") Weight 8.1kg (17.9lbs)

	Frequency Response(±0.5dB) 20Hz-20kHz Harmonic Distortion+Noise ≤0.003% Signal-to-Noise Ratio ≥105dB Dynamic range ≥96 dB Output Level (1kHz, 0dB) 2±0.3V Dimensions (W x H x D) 480 x 116 x 405mm (18.9" x 4-5/8" x 16") Weight 6.9kg (15.2lbs)
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	Output Power 4Ω / 8Ω 140W x 8 1kHz, THD+N = 1% 4Ω/Double Power Mode 280W x 4 8Ω/Double Power Mode 280W x 4 100V line/70V line 125W x 8
	High impedance Voltage Gain RL=8Ω 28.7dB RL=8Ω/Double Power Mode 31.7dB 100V 38.2dB 70V 35.2dB +4dBu
	Input Sensitivity RL=8Ω ≥ 100dB S/N Ratio A-weighted THD+N 1kHz, half power ≤ 0.2% Frequency Response RL=8Ω, 100V/70V, Po=1W, 0dB, ±1.0dB 20Hz - 20kHz Maximum +24dBu
	Input Level Power Requirements 100V, 120V, 230V-240V; 50Hz/60Hz Dimensions (WxHxD) 480 x 88 x 422mm (18.9" x 3.5" x 16.6") Weight 10.1kg (22.3lbs)

	Mixing Capacity Mixing Channel : 16 Mono + 3 Stereo + 2 Effect Return + 8 Insert Output Busses : 16 Mono
	Input Channel Functions Mono CH : 3-band PEQ, Comp, Gate, Auto Gain Control, Feedback suppressor (only available in ch 1-4) Stereo CH: 3-band PEQ, Comp, Auto Gain Control 48kHz / 44.1kHz
	Sampling frequency rate Signal delay Less than 3.0ms (AD-DA @48kHz) Frequency response 20Hz to 20kHz, +0.5dB, -1.5dB Dynamic range 107dB (Gain:-6dB) Power Requirements AC100V-240V; 50Hz / 60Hz Dimensions (W x H x D) 480 x 88 x 366mm (18.9" x 3.4" x 14.4") Weight 6.4kg (14.1lbs)