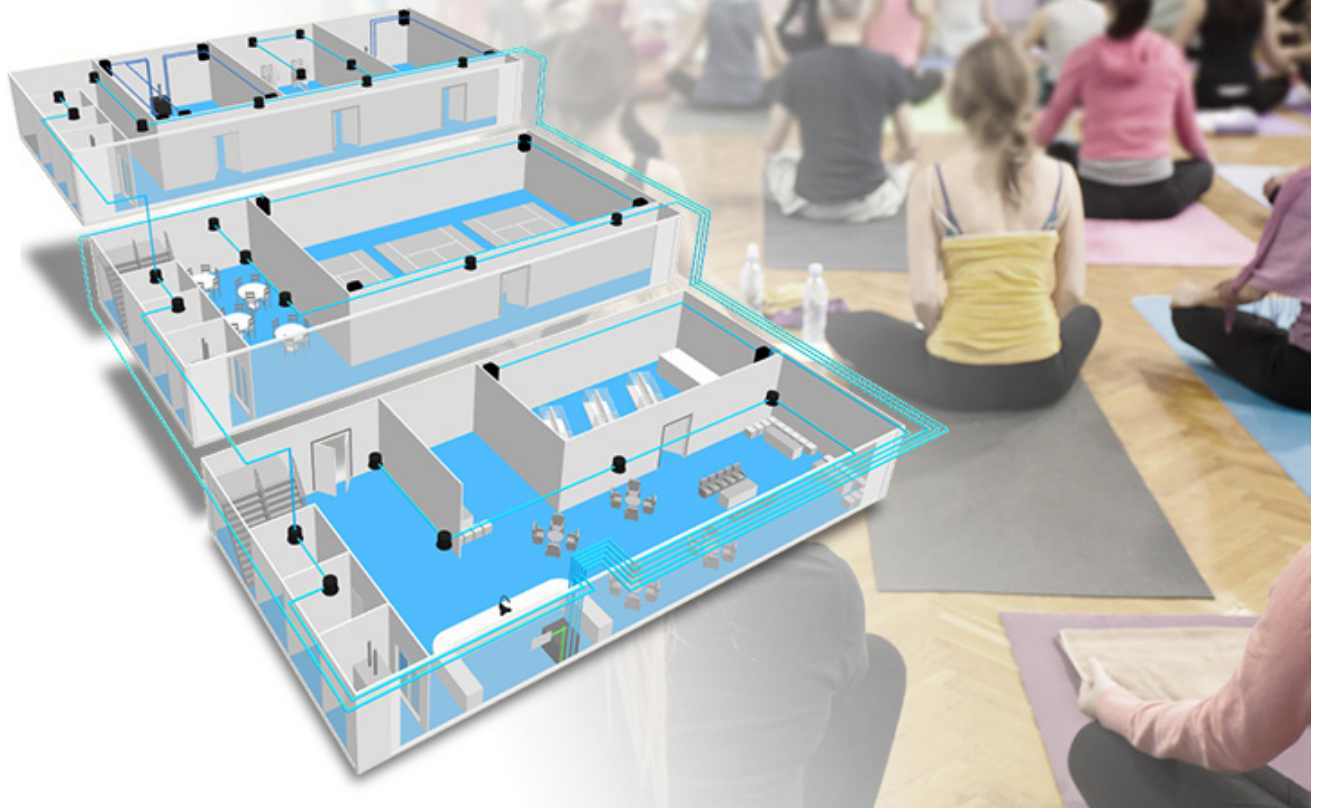


Fitness Club: large



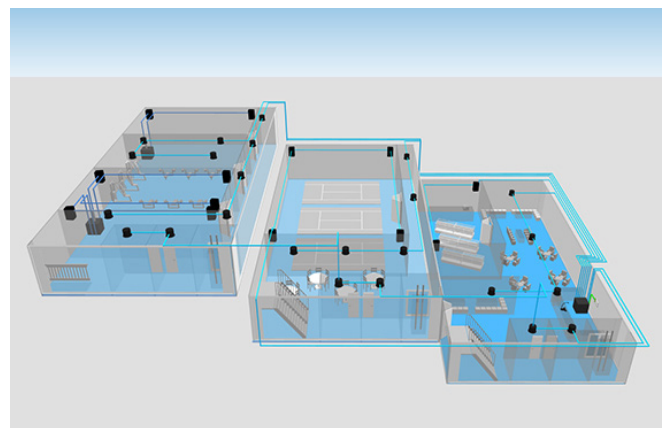
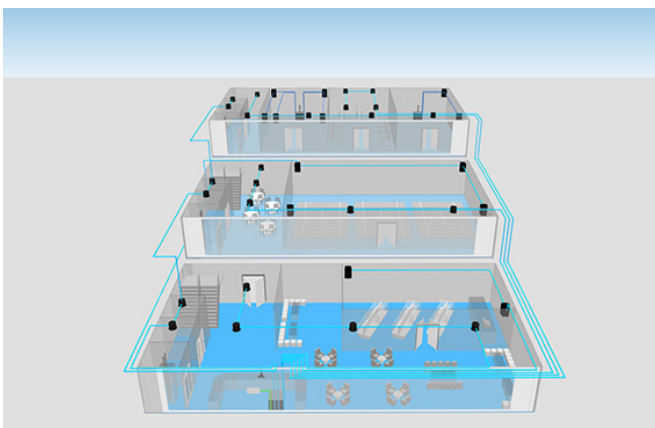
Zoned system for high quality BGM and paging

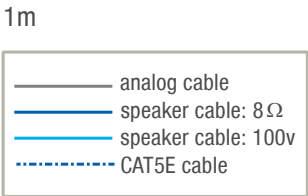
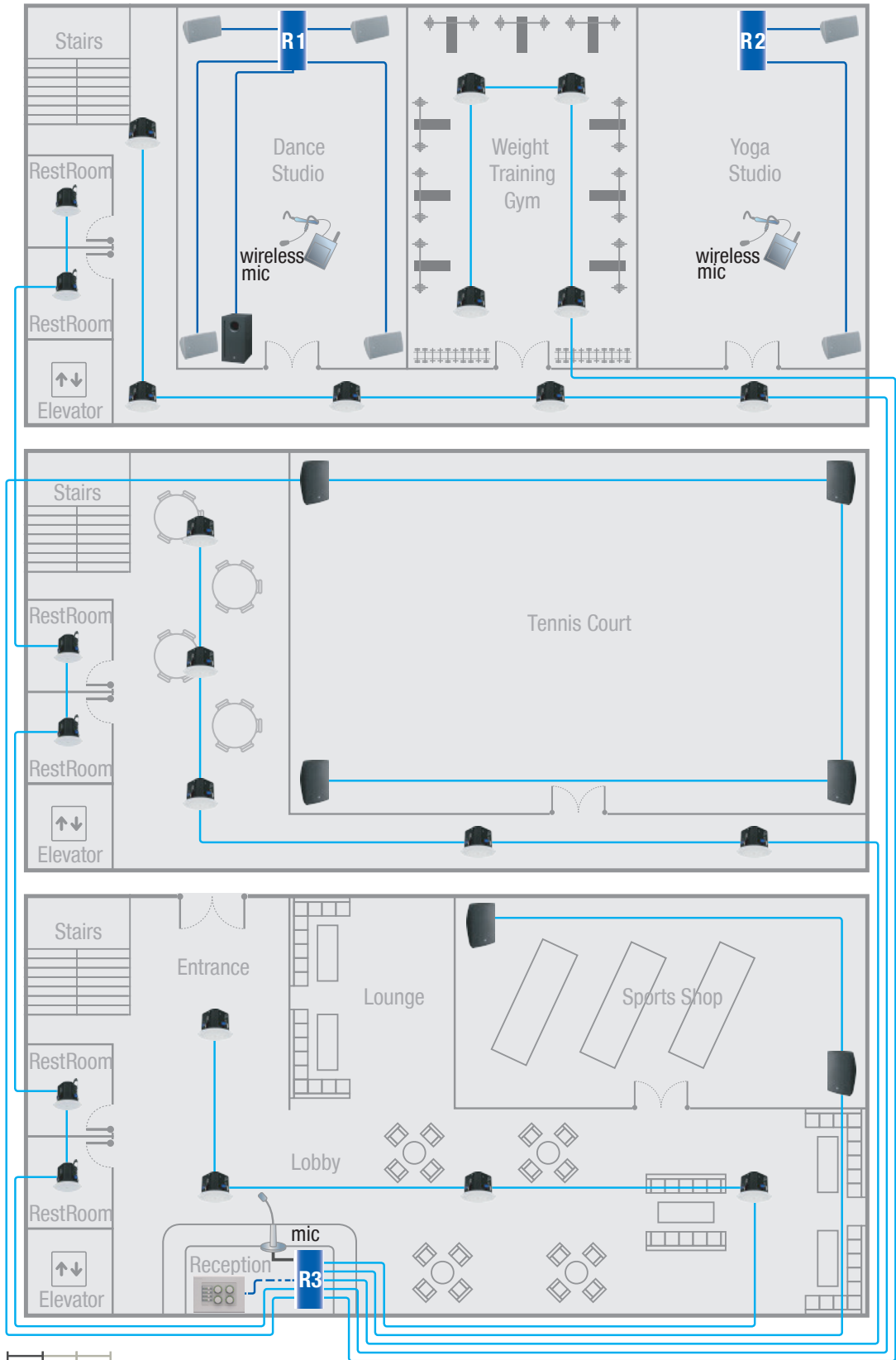
System Overview

In addition to individual sound systems in each studio, this system provides the ability to broadcast announcements throughout the entire facility. The needs of smaller studios for yoga and similar lessons are covered by a compact system consisting of an MA2030 mixing amplifier connected directly to a pair of speakers. Larger dance studios add a subwoofer to the speaker system for extra musical depth and impact.

Key Features

- Yamaha CIS speaker deliver the same excellent sound quality whether used at low volume for BGM or higher volume for featured music.
- The Priority Ducker function included in both the MTX matrix processor and MA2030 mixing amplifier automatically lowers the music level when microphone input is detected.
- The Wireless DCP app allows source selection and volume adjustment to be carried out remotely from a compatible tablet computer or smartphone.









Component List


Name	VXC8 ceiling speaker	VXC4 ceiling speaker	VXS5 speaker	VXS8 speaker	VXS10S sub woofer	DCP4V4S controller
Qty	18	6	6	6	1	1
Name	XMV8280 amplifier	MA2030 mixer amplifier	MG12 mixer	MTX3 matrix	CD-C600RK CD player	
Qty	2	1	1	1	3	


Cable List


Name	analog cable	speaker cable: 8Ω	speaker cable: 100v	CAT5E cable
Length	25m	125m	490m	10m


	VXC8 ceiling speaker	Speaker type 2-way, Coaxial type, Acoustic suspension Components LF 8" Cone HF 1" Soft dome Coverage Angle 100° conical Nominal Impedance 8Ω Power Rating PGM 180W Sensitivity (1W,1m) 90dB SPL Frequency Range (-10dB) 55Hz - 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) Ø325 x 295mm (Ø12.8 x 11.6") Weight 6.6kg (14.6lbs)
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	VXS10S sub woofer	Speaker type Subwoofer, Bass reflex Components LF 10" Dual voice coil Nominal Impedance 8Ω + 8Ω Satellite Impedance 8Ω load per satellite output recommended 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)
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	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)
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	DCP4V4S controller	Connectors 2x RJ45 Wiring Max cable length up to 200m, Up to 8 controllers per 1MTX 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 US: 235g (0.52lbs) EU: 175g (0.39lbs) Weight
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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 IP35 Dimensions (W x H x D) 176 x 280 x 163mm (6.9 x 11.0 x 6.4") Weight 3.6kg (7.9lbs)
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	XMV8280 Amplifier	Output Power 4Ω / 8Ω 280W x 8 1kHz, THD+N = 1% 8Ω / Double Power Mode 560W x 4 8Ω / Double Power Mode 560W x 4 High impedance 100V line/70V line 250W x 8 Voltage Gain RL=8Ω 31.7dB RL=8Ω/Double Power Mode 34.7dB 100V 38.2dB 70V 35.2dB Input Sensitivity RL=8Ω +4dBu 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 10.1kg (22.3lbs)
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	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 IP35 Dimensions (W x H x D) 278 x 430 x 239mm (10.9 x 16.9 x 9.4") Weight 8.2kg (18.1lbs)
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	MG12 mixer	Input channels Mono [MIC/LINE]: 4, Mono/Stereo [MIC/LINE]: 2, Stereo [LINE]: 2 Output channels STEREO OUT: 2, PHONES: 1, MONITOR OUT: 1, AUX SEND: 2, GROUP OUT: 2 Bus STEREO: 1, GROUP: 2, AUX: 2 Input channel function PAD CH 1-CH 4 26 dB HPF CH 1-4, 80 Hz, 12 dB/oct 5/6 (MIC), 7/8 (MIC) COMP CH 1-CH 4 1 knob compressor EQ CH 1-CH 7/8 HIGH, MID, LOW CH 9/10, CH 11/12 HIGH, LOW Phantom power +48V Power requirements AC 100-240 V, 50 Hz/60 Hz Dimensions (WxHxD) 308 x 118 x 422 mm (9.6" x 2.8" x 11.6") Weight 4.0kg (8.8 lbs.) Optional accessory RK-MG12
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MTX3 matrix	<p>Mixing Capacity Mixing Channel : 8 Mono + 3 Stereo + 2 Effect Return + 8 Insert Output Busses :8 Mono</p> <p>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</p> <p>Sampling frequency 48kHz / 44.1kHz</p> <p>Signal delay Less than 2.5ms (AD-DA @48kHz)</p> <p>Frequency Response 20Hz to 20kHz, +0.5dB, -1.5dB</p> <p>Dynamic range 107dB (Gain: -6dB)</p> <p>Power Requirements AC100V-240V; 50Hz / 60Hz</p> <p>Dimensions (W x H x D) 480 x 44 x 362mm (18.9" x 1.7" x 14.3")</p> <p>Weight 4.8kg (10.6lbs)</p>
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MA2030 mixer amplifier	<p>Output Power 1kHz, THD+N = 1% 3Ω/4Ω 30W x 2 High impedance 70V/100V 60W x 1</p> <p>Input Level (Stereo Input) Unbalanced Sensitivity -10.0 dBV Nominal -10.0 dBV Max before clip +10.0 dBV Nominal -10.0 dBV</p> <p>Output Level (Line Out)</p> <p>THD+N Stereo in (Line in) to Speaker out; 1kHz, 15W, 3Ω/4Ω ≤ 0.1% Stereo in (Line in) to Speaker out; 1kHz, 30W, 70V/100V ≤ 0.2%</p> <p>Frequency Response Stereo in to Line out; 20Hz to 20kHz 0dB, -2.5dB, +1.0dB Stereo in (Line in) to Speaker out; 50Hz to 20kHz, 1W, 3Ω/4Ω 0dB, -3.0dB, +1.0dB Stereo in (Line in) to Speaker out; 90Hz to 20kHz, 1W, 70V/100V 0dB, -3.0dB, +1.0dB</p> <p>Power Requirement 100V, 120V, 230V-240V; 50Hz/60Hz</p> <p>Dimensions (WxHxD) 215 x 54 x 288 mm (8.5" x 2.1" x 11.4")</p> <p>Weight 1.8kg (4.0lbs)</p>
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CD-C600RK CD player	<p>Frequency Response(±0.5dB) 20Hz-20kHz</p> <p>Harmonic Distortion+Noise ≤0.003%</p> <p>Signal-to-Noise Ratio ≥105dB</p> <p>Dynamic range ≥96 dB</p> <p>Output Level (1kHz, 0dB) 2±0.3V</p> <p>Dimensions (W x H x D) 480 x116 x 405mm (18.9" x 4-5/8" x 16")</p> <p>Weight 6.9kg (15.2lbs)</p>
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