

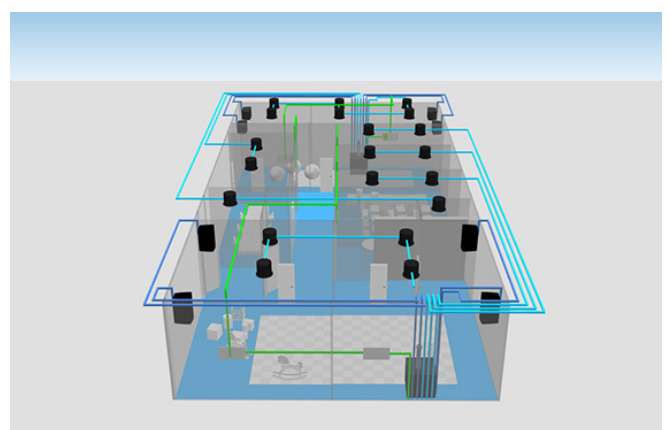
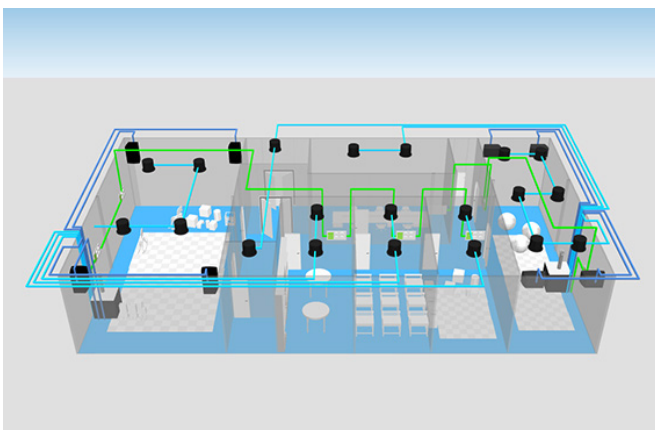
## Room partitions and control panels for eight zones

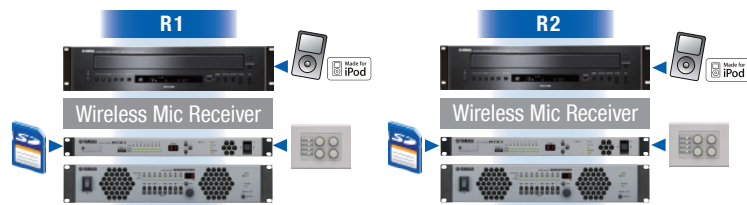
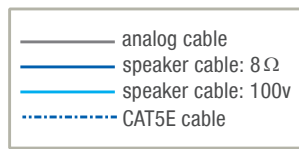
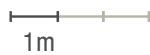
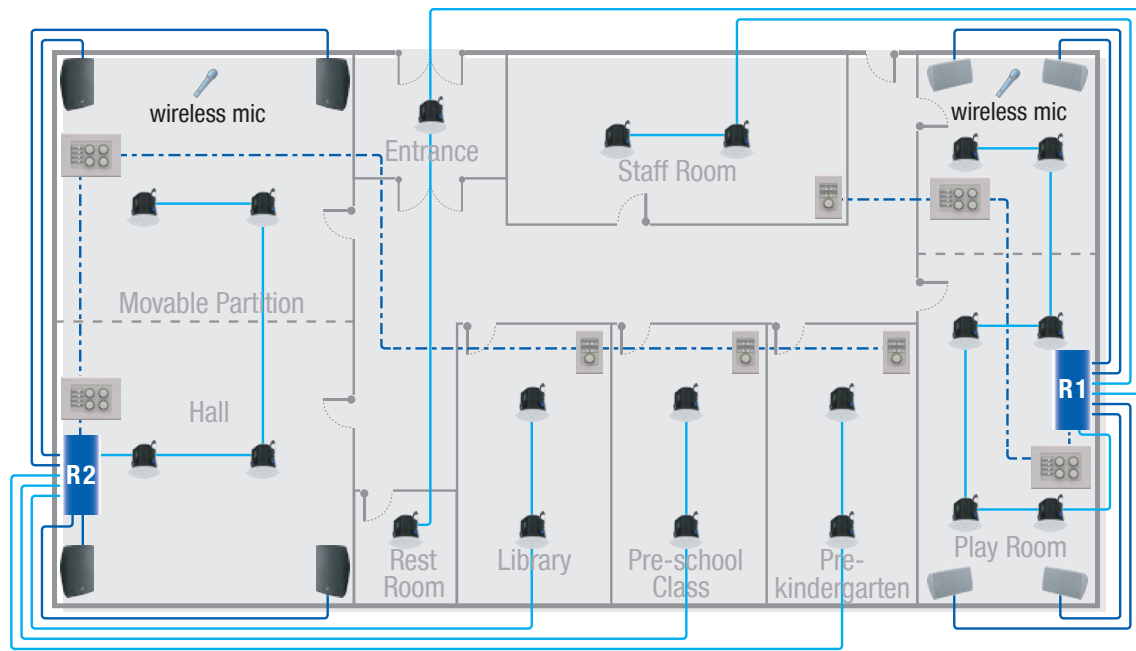
### System Overview

A notable feature of this system is that it serves a room that can be used as single large space or partitioned to function as multiple smaller spaces. The system can be set up to allow independent source selection and volume control for each partition, or the same source can be fed to all speakers when the entire room is used. In addition to the main room with partitions, separate controllers installed in several smaller rooms allow independent volume adjustment for those rooms as well.

### Key Features

- An MTX matrix processor makes it easy to switch to different audio configurations when the main room is partitioned or combined.
- Day-to-day source selection and volume adjustment can be easily carried out via DCP control panels.
- Yamaha CIS speaker systems are specifically tuned for music reproduction so that the same excellent sound quality is achieved whether used for low-volume BGM or louder featured music.







### Component List


Name	VXC4 ceiling speaker	VXS8 speaker	VXS5 speaker	DCP1V4S controller	DCP4V4S controller
Qty	20	4	4	4	4
Name	MTX3 matrix	XMV8140 amplifier	CD-C600RK CD player		
Qty	2	2	2		


### Cable List


Name	analog cable	speaker cable: 8Ω	speaker cable: 100v	CAT5E cable
Length	10m	130m	215m	85m


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


<b>DCP4V4S controller</b>  	<b>Connectors Wiring</b> 2x RJ45 Max cable length up to 200m, Up to 8 controllers per 1MTX with CAT5 cable
	<b>Control Dimensions (WxHxD)</b> RS485, Power over Ethernet 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") <b>Weight</b> not including wall box US: 235g (0.52lbs) EU: 175g (0.39lbs)

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

<b>MTX3 matrix</b>  	<b>Mixing Capacity</b> Mixing Channel : 8 Mono + 3 Stereo + 2 Effect Return + 8 Insert Output Busses : 8 Mono <b>Input CH Functions</b> 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
	<b>Sampling frequency</b> Less than 2.5ms (AD-DA @48kHz) <b>Signal delay</b> 20Hz to 20kHz, +0.5dB, -1.5dB <b>Frequency Response</b> 107dB (Gain:-6dB) <b>Dynamic range</b> AC100V-240V; 50Hz / 60Hz <b>Power Requirements</b> 480 x 44 x 362mm (18.9" x 1.7" x 14.3") <b>Dimensions (W x H x D)</b> 4.8kg (10.6lbs) <b>Weight</b>

<b>VXS5 speaker</b>  	<b>Speaker type</b> 2-way, Bass reflex <b>Components</b> LF 5.25" Cone HF 0.75" Soft dome <b>Coverage Angle</b> (H x V) 120° x 120° <b>Nominal Impedance</b> 8Ω
	<b>Power Rating</b> PGM 150W <b>Sensitivity</b> (1W,1m) 89dB SPL <b>Frequency Range</b> (-10dB) 62Hz - 20kHz <b>Connectors</b> 1x Euroblock (4P) (Input: + / -, Loop Thru: + / -) <b>Transformer Taps</b> 70V 30W (170Ω), 15W (330Ω), 7.5W (670Ω), 3.8W (1.3kΩ) 100V 30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ) <b>Environmental</b> IP35 <b>Dimensions</b> (W x H x D) 176 x 280 x 163mm (6.9 x 11.0 x 6.4") <b>Weight</b> 3.6kg (7.9lbs)

<b>XMV8140 Amplifier</b>  	<b>Output Power</b> 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 <b>High impedance Voltage Gain</b> RL=8Ω 28.7dB RL=8Ω/Double Power Mode 31.7dB 100V 38.2dB 70V 35.2dB RL=8Ω +4dBu <b>Input Sensitivity</b> ≥ 100dB <b>S/N Ratio</b> A-weighted ≤ 0.2% <b>THD+N</b> 1kHz, half power <b>Frequency Response</b> RL=8Ω, 100V/70V, Po=1W, 0dB, ±1.0dB 20Hz - 20kHz <b>Maximum Input Level</b> +24dBu <b>Power Requirements</b> 100V, 120V, 230V-240V; 50Hz/60Hz <b>Dimensions</b> 480 x 88 x 422mm (18.9" x 3.5" x 16.6") <b>Weight</b> 10.1kg (22.3lbs)
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<b>DCP1V4S controller</b>  	<b>Connectors Wiring</b> 2x RJ45 Max cable length up to 200m, Up to 8 controllers per 1MTX with CAT5 cable
	<b>Control Dimensions (WxHxD)</b> RS485, Power over Ethernet US: 70 x 120 x 47mm (2.8 x 5.5 x 1.9" ) EU: 86 x 86 x 47mm (3.4 x 3.4 x 1.9" ) <b>Weight</b> not including wall box US: 118g (0.26lbs) EU: 110g (0.24lbs)

<b>CD-C600RK CD player</b>  	<b>Frequency Response(±0.5dB)</b> 20Hz-20kHz <b>Harmonic Distortion+Noise</b> ≤0.003% <b>Signal-to-Noise Ratio</b> ≥105dB <b>Dynamic range</b> ≥96 dB <b>Output Level</b> 2±0.3V (1kHz, 0dB) <b>Dimensions</b> 480 x 116 x 405mm (18.9" x 4-5/8" x 16") <b>Weight</b> 6.9kg (15.2lbs)
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