



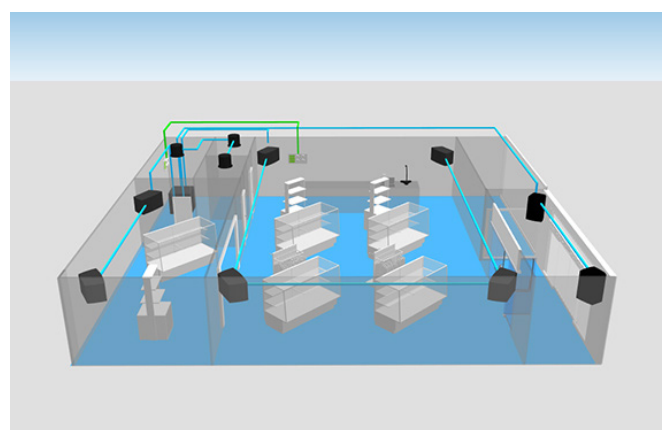
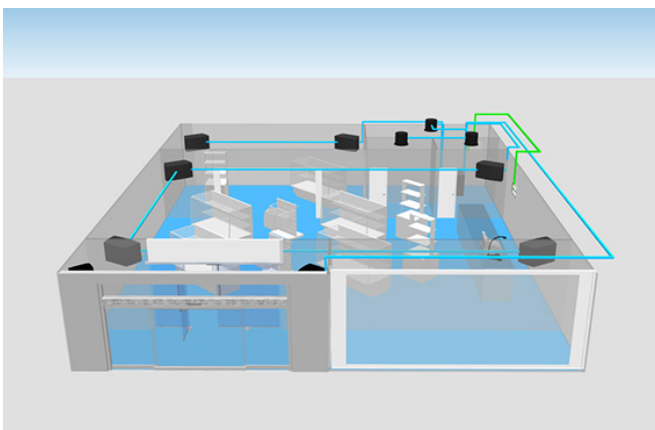
## Four zone system for high quality BGM and paging

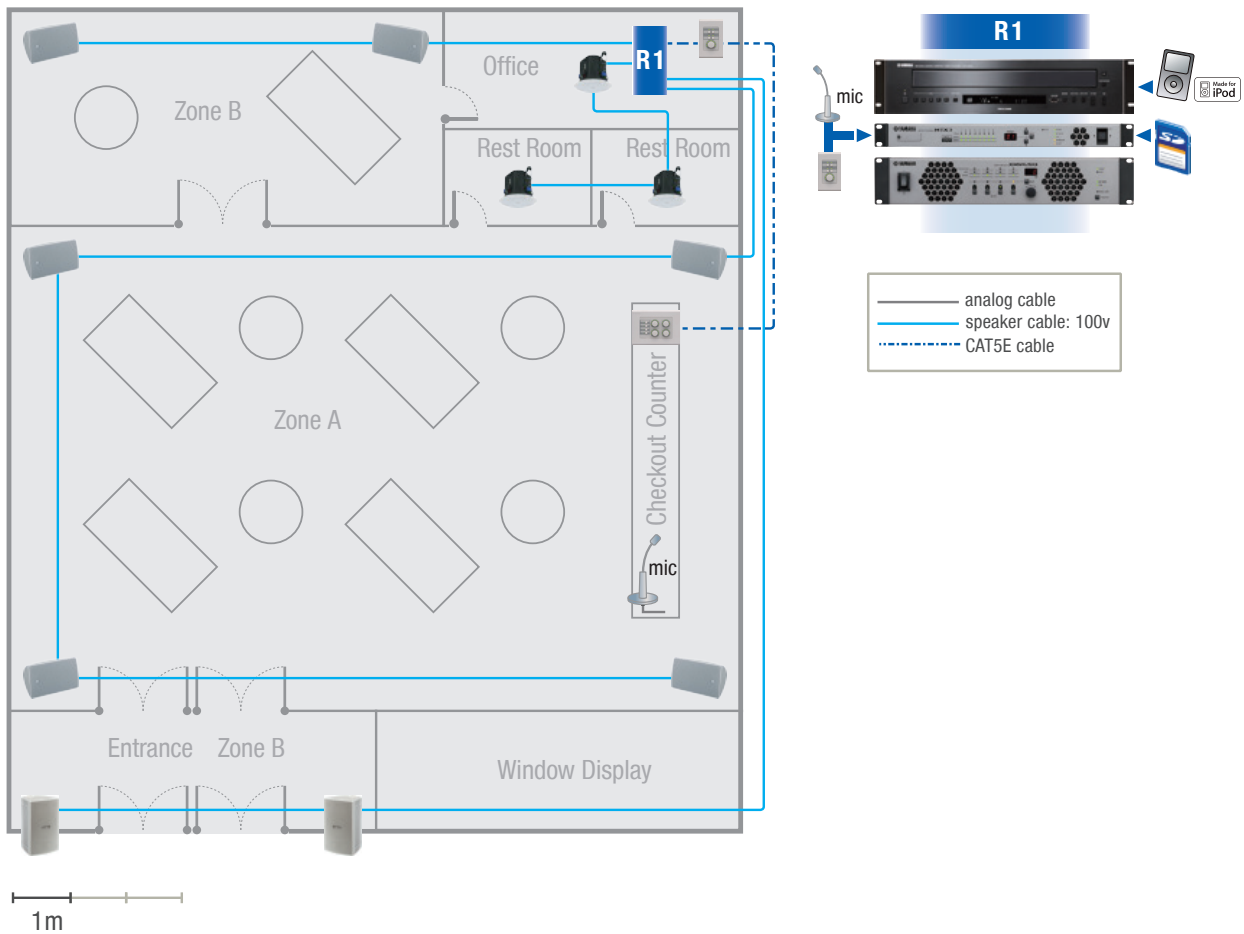
### System Overview

In this application the store, including the display area, is divided into four zones. In addition to different music sources and volume levels set up for the entrance and the main floor area, source selection and volume level can be controlled from a conveniently located controller according to the products being displayed, number of customers in the store, and special events.

### Key Features

- Yamaha CIS speaker systems are specially tuned for music applications and are the best solution for BGM delivery, even when only low volume levels are required.
- Independent source selection and volume adjustment for the different zones can be accomplished via the MTX matrix processor, while basic day-to-day operation can be easily carried out via DCP control panels.
- The MTX processor includes a Priority Ducker function that automatically reduces music volume while announcements are being made.







### Component List


Name	VXC4 ceiling speaker	VXS5 speaker	VS6 outdoor speaker	DCP4V4S controller	DCP1V4S controller
Qty	3	6	2	1	1
Name	XMV4280 amplifier	MTX3 matrix	CD-C600RK CD player		
Qty	1	1	1		


### Cable List


Name	analog cable	speaker cable: 100V	CAT5E cable
Length	10m	100m	10m


	<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>DCP1V4S controller</b>	<b>Connectors</b> 2x RJ45 <b>Wiring</b> Max cable length up to 200m, Up to 8 controllers per 1MTX with CAT5 cable <b>Control</b> RS485, Power over Ethernet <b>Dimensions (WxHxD)</b> 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)
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	<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 (W x H x D)</b> 176 x 280 x 163mm (6.9 x 11.0 x 6.4") <b>Weight</b> 3.6kg (7.9lbs)
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	<b>XMV4280 Amplifier</b>	<b>Output Power</b> 4Ω / 8Ω 280W x 4 1kHz, THD+N = 1% 4Ω/ Double Power Mode 560W x 2 8Ω/ Double Power Mode 560W x 2 <b>High impedance</b> 100V line/70V line 250W x 4 <b>Voltage Gain</b> RL=8Ω 31.7dB RL=8Ω/Double Power Mode 34.7dB 100V 38.2dB 70V 35.2dB <b>Input Sensitivity</b> RL=8Ω +4dBu <b>S/N Ratio</b> A-weighted ≥ 100dB <b>THD+N</b> 1kHz, half power ≤ 0.2% <b>Frequency Response</b> RL=8Ω, 100V/70V, Po=1W, 20Hz - 20kHz 0dB, ±1.0dB <b>Maximum Input Level</b> +24dBu <b>Power Requirements</b> 100V, 120V, 230V-240V; 50Hz/60Hz <b>Dimensions (WxHxD)</b> 480 x 88 x 422mm (18.9" x 3.5" x 16.6") <b>Weight</b> 8.1kg (17.9lbs)
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	<b>VXC6 ceiling speaker</b>	<b>Speaker type</b> 2-way, Coaxial type, Acoustic suspension <b>Components</b> LF 6.5" Cone HF 0.75" Soft dome <b>Coverage Angle</b> 110° conical <b>Nominal Impedance</b> 8Ω <b>Power Rating</b> PGM 150W <b>Sensitivity</b> (1W,1m) 86dB SPL <b>Frequency Range</b> (-10dB) 56Hz - 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>Dimensions</b> (Ø x H) Ø286 x 205mm (Ø11.3" x 8.1") <b>Weight</b> 4.4kg (9.7lbs)
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	<b>MTX3 matrix</b>	<b>Mixing Capacity</b> Mixing Channel : 8 Mono + 3 Stereo + 2 Effect Return + 8 Insert <b>Input CH Functions</b> Output Busses :8 Mono 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 <b>Sampling frequency</b> 48kHz / 44.1kHz <b>Signal delay</b> Less than 2.5ms (AD-DA @48kHz) <b>Frequency Response</b> 20Hz to 20kHz, +0.5dB, -1.5dB <b>Dynamic range</b> 107dB (Gain:-6dB) <b>Power Requirements</b> AC100V-240V; 50Hz / 60Hz <b>Dimensions (W x H x D)</b> 480 x 44 x 362mm (18.9" x 1.7" x 14.3") <b>Weight</b> 4.8kg (10.6lbs)
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	<b>DCP4V4S controller</b>	<b>Connectors</b> 2x RJ45 <b>Wiring</b> Max cable length up to 200m, Up to 8 controllers per 1MTX with CAT5 cable <b>Control</b> RS485, Power over Ethernet <b>Dimensions (WxHxD)</b> 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)
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	<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 (1kHz, 0dB)</b> 2±0.3V <b>Dimensions (W x H x D)</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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