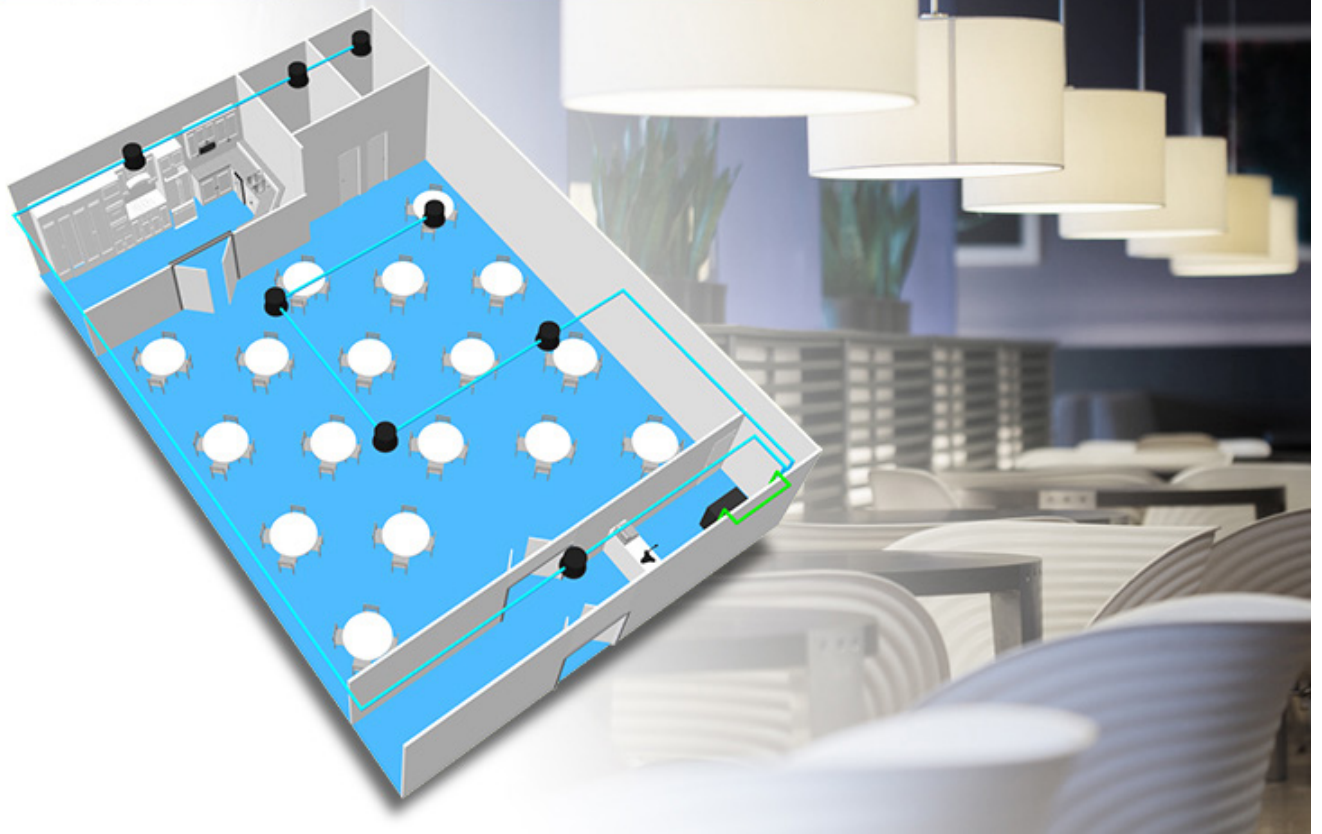


## Restaurant: small



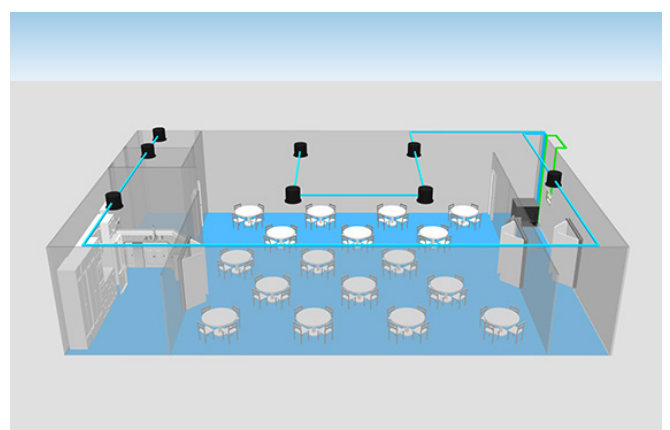
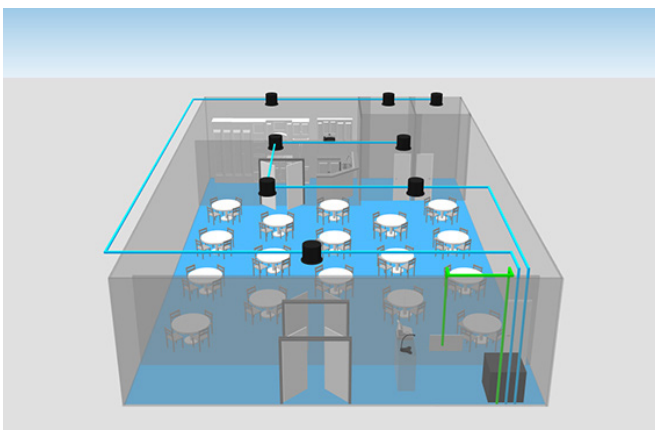
### Two zones with stereo BGM

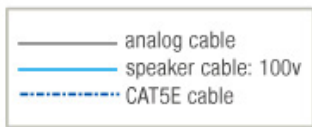
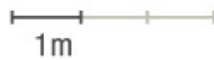
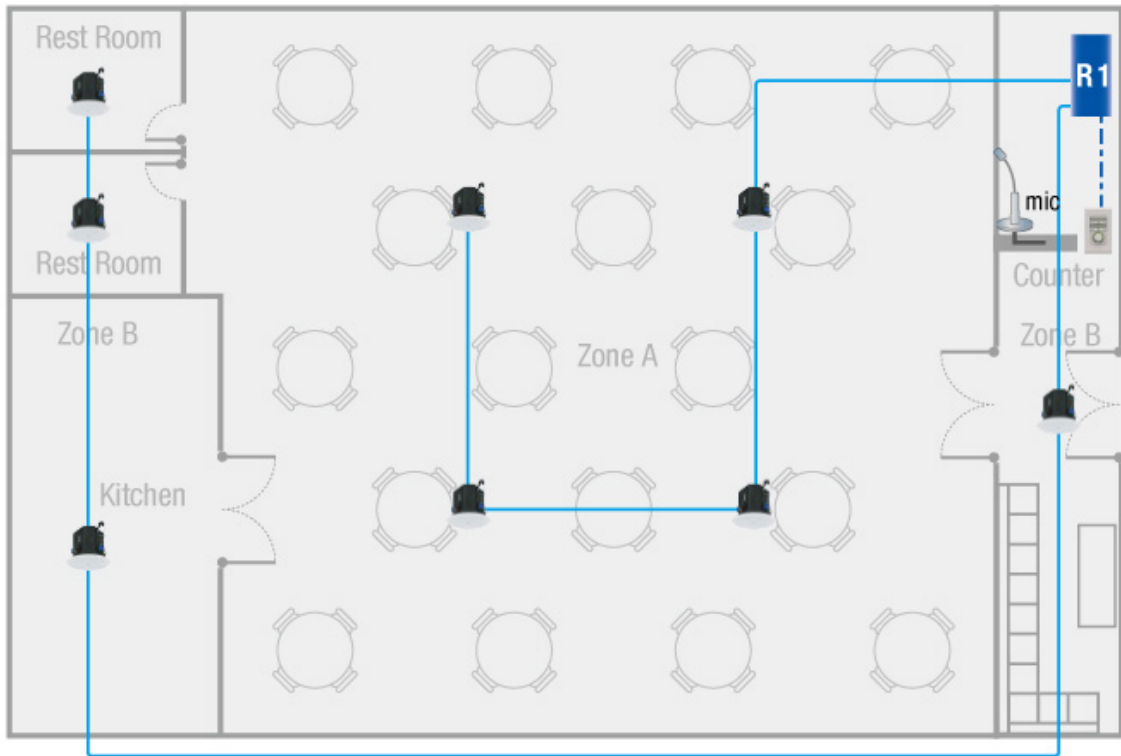
#### System Overview

In this application the area is divided into two zones: the main seating area is zone 1, and the entrance, washrooms, and kitchen are zone 2. Volume can be individually adjusted for each zone, so Zone 1 can be adjusted according to the number of customers present while the Zone 2 volume remains constant.

#### 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.
- The MA2030 is a compact amplifier designed for small applications that offers a range of powerful features, such as the capability to maintain constant volume levels across different sources.
- Daily operations such as volume adjustment can be easily carried out from the intuitive remote DCP control panel.






### Component List


Name	VXC4 ceiling speaker	DCP1V4S controller	MA2030 mixer amplifier	PA2030 amplifier	CD-C600RK CD player
Qty	8	1	1	1	1


### Cable List


Name	analog cable	speaker cable: 8Ω	CAT5E cable
Length	5m	65m	5m

<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>CD-C600RK CD player</b> 	<b>Frequency Response</b> (±0.5dB) 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> (W x H x D) 480 x116 x 405mm (18.9" x 4-5/8" x 16") <b>Weight</b> 6.9kg (15.2lbs)
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<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</b> (WxHxD) 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>MA2030 mixer amplifier</b> 	<b>Output Power</b> 1kHz, THD+N = 1% 3Ω/4Ω 30W x 2 High impedance 70V/100V 60W x 1 <b>Input Level</b> (Stereo Input) Unbalanced Sensitivity -10.0 dBV Nominal -10.0 dBV Max before clip +10.0 dBV Nominal -10.0 dBV <b>Output Level</b> (Line Out) 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% <b>Frequency Response</b> 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 <b>Power Requirement</b> 100V, 120V, 230V-240V; 50Hz/60Hz <b>Dimensions</b> (WxHxD) 215 x 54 x 288 mm (8.5" x 2.1" x 11.4") <b>Weight</b> 1.8kg (4.0lbs)
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<b>PA2030 mixer amplifier</b> 	<b>Output Power</b> 1kHz, THD+N = 1% 3Ω/4Ω 30W x 2 High impedance 70V/100V 60W x 1 <b>Input Level</b> (Stereo Input) Unbalanced Sensitivity -10.0 dBV Nominal -10.0 dBV Max before clip +10.0 dBV Balanced Sensitivity +4dBu Nominal +4dBu Max before clip +24dBu <b>THD+N</b> 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% <b>Frequency Response</b> 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 <b>Power Requirement</b> 100V, 120V, 230V-240V; 50Hz/60Hz <b>Dimensions</b> (WxHxD) 215 x 54 x 288 mm (8.5" x 2.1" x 11.4") <b>Weight</b> 1.8kg (4.0lbs)
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