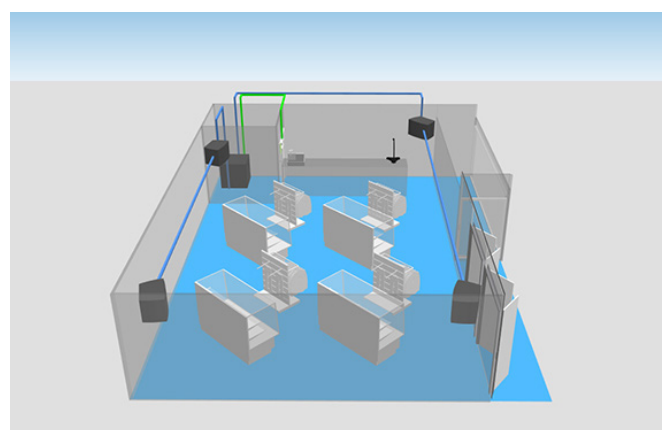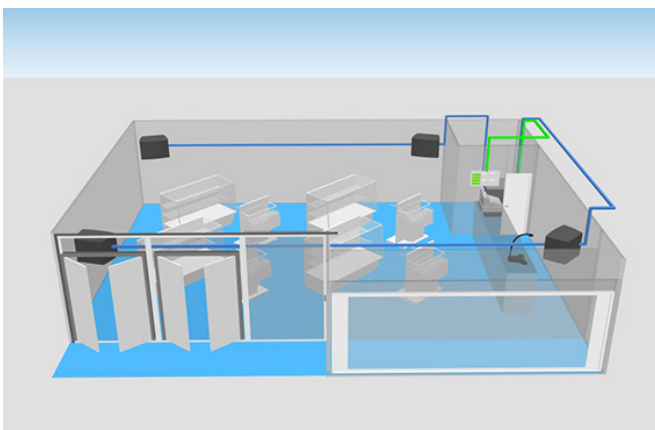![YAMAHA]

Retail Store: small
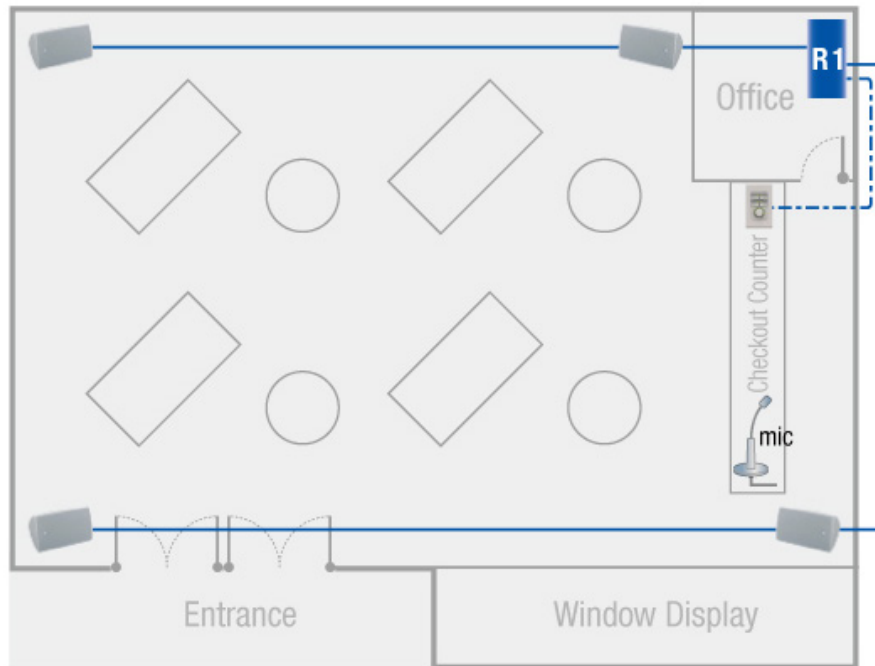

High quality audio for BGM and paging

System Overview

A simple but high quality audio system has been provided to enhance the customers' shopping experience. Simply connecting the source music player and microphone to an MA2030 mixing amplifier, and the outputs of the MA2030 to the store's speaker system, results in a well-balanced high performance BGM system that contributes greatly to the overall atmosphere. The MA2030 interface is easy to use and can be directly operated without difficulty, and a remote DCP control panel located at the sales counter adds even further convenience.

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 a Priority Ducker that automatically turns the music down while announcements are being made.

• Daily operations such as volume adjustment can be easily carried out from the intuitive remote DCP control panel.

analog cable
speaker cable: 8Ω
CAT5E cable

R1

Cable Broadcast Receiver

mic

Component List

Name	VXS5 speaker	DCP1V4S controller	MA2030 mixer amplifier	CD-C600RK CD player	
Qty	4	1	1	1	

Cable List

Name	analog cable	speaker cable: 100V	CAT5E cable
Length	10m	45m	10m

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)

DCP1V4S 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: 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") not including wall box
Weight	US: 118g (0.26lbs) EU: 110g (0.24lbs)

MA2030 mixer amplifier

Output Power	1kHz, THD+N = 1%	3Ω/4Ω	30W x 2
	High impedance	70V/100V	60W x 1
Input Level (Stereo Input)	Unbalanced	Sensitivity	-10.0 dBV
		Nominal	-10.0 dBV
		Max before clip	+10.0 dBV
Output Level (Line Out)		Nominal	-10.0 dBV
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%
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
Power Requirement	100V, 120V, 230V-240V; 50Hz/60Hz		
Dimensions (WxHxD)	215 x 54 x 288 mm (8.5" x 2.1" x 11.4")		
Weight	1.8kg (4.0lbs)		

CD-C600RK CD player

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 x116 x 405mm (18.9" x 4-5/8" x 16")
Weight	6.9kg (15.2lbs)