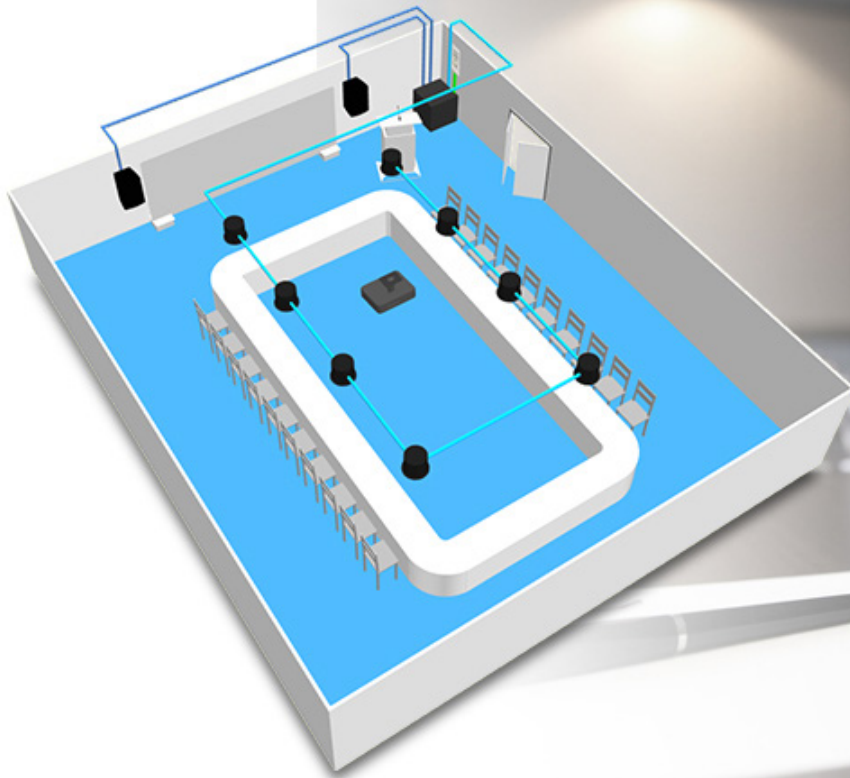


## Conference Room: small



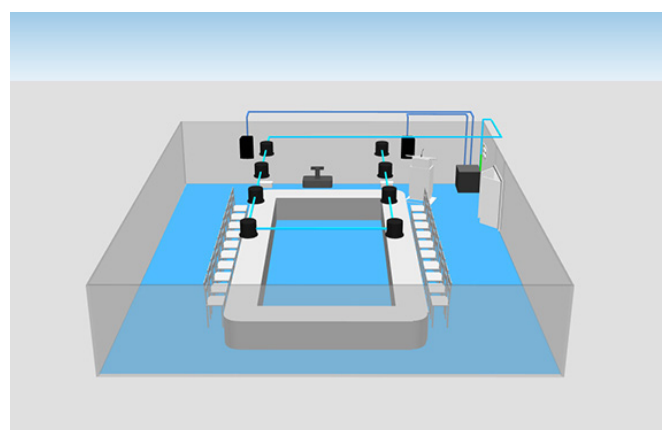
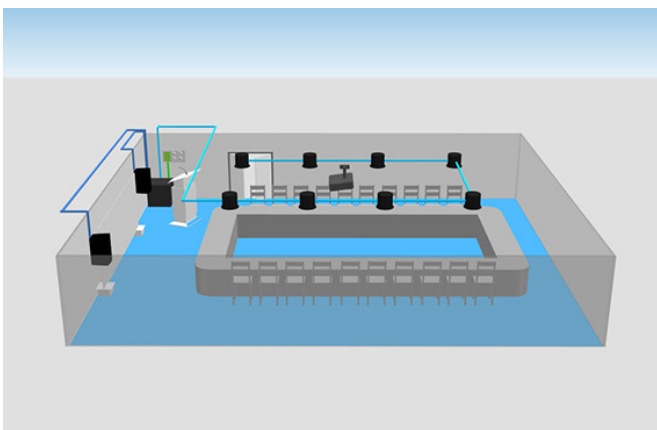
### High quality audio for presentations

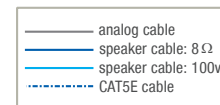
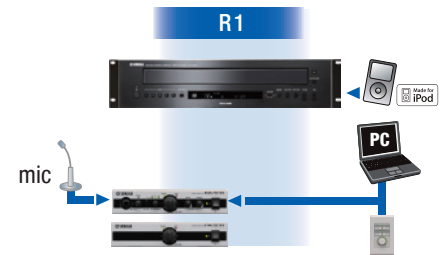
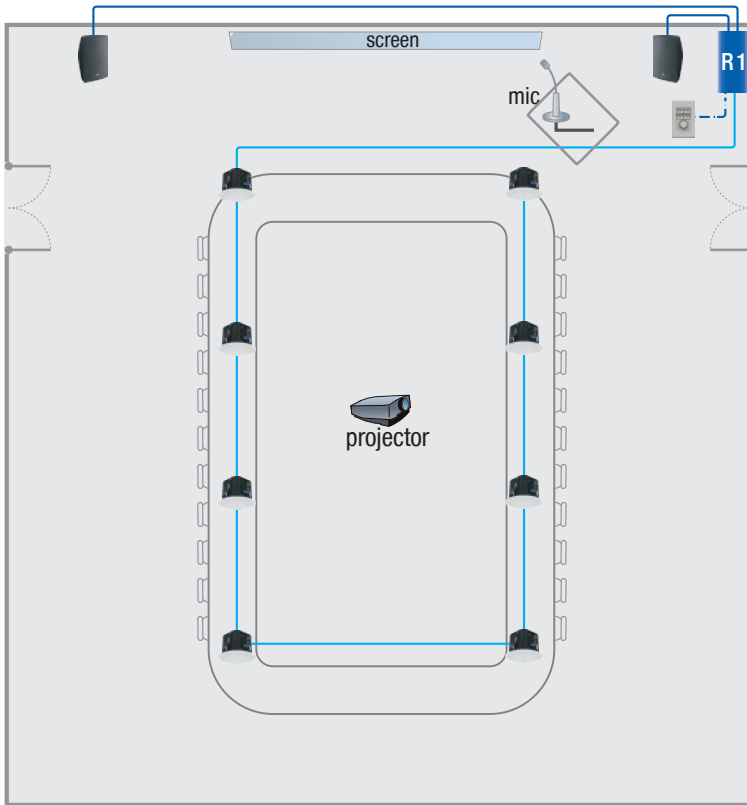
#### System Overview

Although this is a relatively simple conference room, it features a stereo speaker system installed to support video presentations shown on a screen. Ceiling speakers are also provided to ensure that speech and music are uniformly delivered to all attendees. The volume of the main stereo and ceiling speaker systems can be independently adjusted to match the application and number of participants.

#### Key Features

- Yamaha CIS speaker systems deliver high quality, well defined sound that can be a significant advantage in speech applications.
- 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.
- Source selection and volume adjustment can be easily carried out via DCP control panels.






1m


## Component List


Name	VXC6 ceiling speaker	VXS8 speaker	DCP1V4S controller	MA2030 mixer amplifier	PA2030 amplifier
Qty	8	2	1	1	1
Name	CD-C600RK CD player				
Qty	1				


## Cable List


Name	analog cable	speaker cable: 8Ω	speaker cable: 100v	CAT5E cable
Length	10m	25m	50m	10m


<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)
--	--

<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 (Stereo Input)</b> 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 (WxHxD)</b> 215 x 54 x 288 mm (8.5" x 2.1" x 11.4") <b>Weight</b> 1.8kg (4.0lbs)
---	---

<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 (W x H x D)</b> 278 x 430 x 239mm (10.9 x 16.9 x 9.4") <b>Weight</b> 8.2kg (18.1lbs)
---	--

<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)
--	---

<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)
--	--

<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 (Stereo Input)</b> Unbalanced Sensitivity -10.0 dBV Nominal -10.0 dBV Max before clip +10.0 dBV Nominal -10.0 dBV <b>Output Level (Line Out)</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>THD+N</b> Stereo in (Line in) to Speaker 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>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 (WxHxD)</b> 215 x 54 x 288 mm (8.5" x 2.1" x 11.4") <b>Weight</b> 1.8kg (4.0lbs)
--	--