

CoRAY4 Data Sheet

CoRAY4

2-Way Line Source
Column System

CoRAY4 is an ultra-compact 2-way line array column designed for small and mid-sized venues with difficult acoustic environments, where high-fidelity sound and outstanding intelligibility are required.

The CoRAY4 contains four 5" low frequency cone drivers paired with two 4" high frequency neodymium planar wavedrivers. All CoRAY4 drivers exhibit high efficiency and ultra-low distortion.

The variable horizontal coverage of 60°, 120°, or asymmetrical 90° (steered +/- 30° off axis) combined with the asymmetrical vertical coverage of 12° (1° up, 11° down) allows the CoRAY4 to provide a focused sound with precise and flexible audience coverage, reducing ceiling reflections for increased intelligibility.



CoRAY4 Features

- ⊕ 2-way ultra-compact line source column system
- ⊕ High power handling of 700 W RMS
- ⊕ Dual 4" neodymium planar wavedrivers
- ⊕ Four 5" ultra-low distortion low-frequency cone drivers
- ⊕ Integrated CODA Mobile Suspension (CMS) optimised for mobile use
- ⊕ Variable horizontal coverage of 60°, 120°, or asymmetrical 90° (steered +/- 30° off axis)

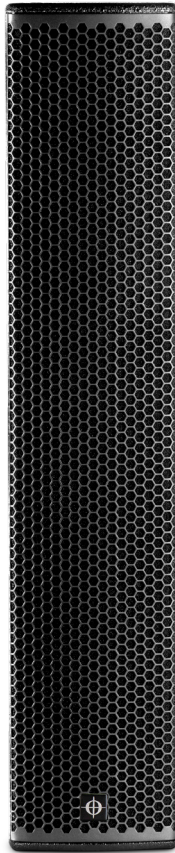
Two CoRAY4s can be stacked vertically to form a CoRAY4 Twin array, to increase the vertical coverage to a symmetrical 24° without interferences between the cabinets. The CoRAY4 Twin array exhibits a 6 dB higher output when horizontal coverage is set to 60°, with controlled low-frequency dispersion for long-throw applications where coverage in the far field is required.

The CoRAY4L low-frequency extension for CoRAY4, featuring the same CODA Mobile Suspension for an integrated solution when additional low-frequency power is needed in a CoRAY4 system. When paired with a CODA Audio subwoofer such as the G15-SUB, the low frequency headroom is further enhanced.

The CoRAY4 requires a LINUS series loudspeaker management amplifier or LINUS series dedicated controller. Optional weather protection and RAL color finishes are available upon request. Optional brackets, adapters, and transport bags are available from CODA Audio. Visit www.codaaudio.com for more information.

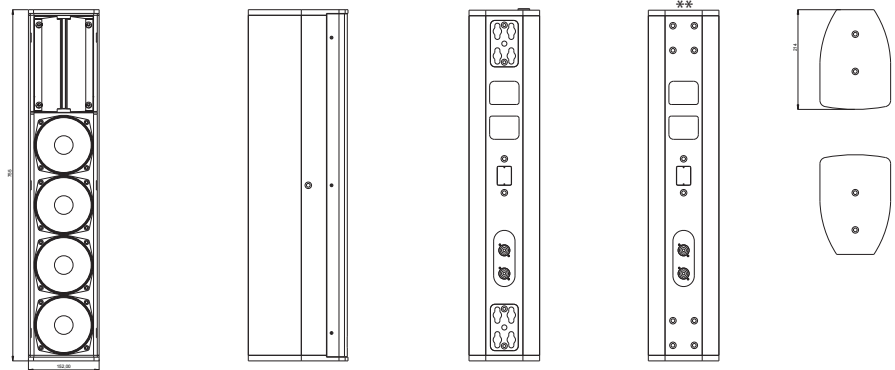


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Product Type	2-way passive column loudspeaker
Dimensions (WxHxD):	152x758x214 mm / 5.98x29.84x8.42"
Dimensions Including Hardware (WxHxD):	N/A
Net Weight	15.7 kg / 34.61 lb
Frequency Response	80 Hz - 20 kHz (-6 dB)
Power handling AES / peak (passive):	700 W / 2800 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	144 dB
Dispersion Horizontal:	Sym. 120° or 60° or asym. 90° (60°+30°)"
Dispersion Vertical:	12° (1° up, 11° down)
Components Low frequency:	4x5" woofer, 1.5" (38 mm) VC, 170 W (AES)
Components Mid/High frequency:	2x4" Nd Planar-wave-drivers Hi: 1.75" (44.4mm) VC, 80 W (AES)
Crossover point:	1.3 kHz passive
Input Connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	4 Ω (+1/-1)
Enclosure material:	4 Ω (+1/-1)
Suspension	CoRAY4: CMS + flange adapter CoRAY4i: M6 threaded points**

*Measured with pink noise 6 dB crest factor. Half-space loading.



Other CoRAY4 System Products



G18-SUB

Extended Low Frequency Subwoofer



CoRAY4L

Ultra-Compact Low Frequency
Extension for CoRAY4



LINUS5-C / LINUS10-C

4 Channel Loudspeaker
Management Amplifiers

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