

CoRAY4

Compact 2-Way Column
Line Source

CoRAY4 is a compact 2-way column line source system designed for small and mid-sized venues with difficult acoustic environments, where high quality 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.

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 arrays exhibit a higher output and a precise directivity with controlled low-frequency dispersion for long-throw applications where coverage in the far field is required.

The CoRAY4L is a low-mid frequency extension for CoRAY4, when additional low-frequency power and long throw is needed. This option increases the line source length up to 3 metres. When paired with CODA Audio subwoofers such as the G15-SUB, the low frequency headroom is further enhanced.

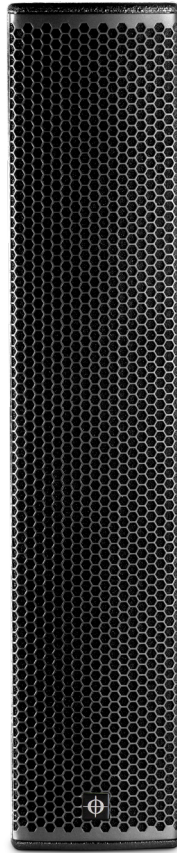
CoRAY4 and CoRAY4L have been designed to work exclusively with CODA Audio LINUS Loudspeaker Management Amplifiers as an integrated solution for DSP, amplification, network remote control, optimal performance, protection, as well as extensive possibilities for system tuning and monitoring.



CoRAY4 Features

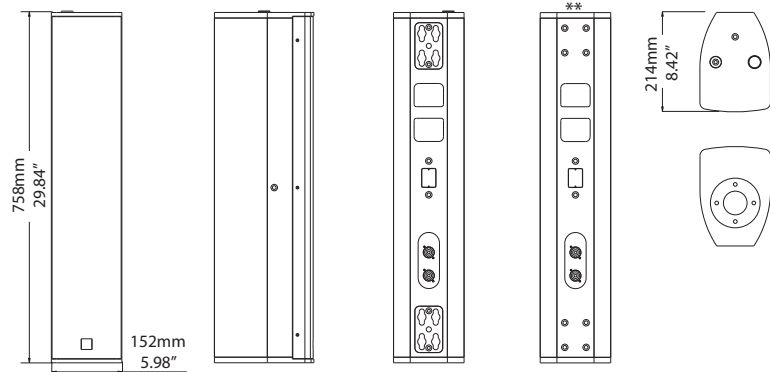
- ⊕ Compact 2-way column line source system
- ⊕ High power handling of 700 W (AES)
- ⊕ Dual 4" neodymium planar wave drivers
- ⊕ Four 5" ultra low distortion low frequency cone drivers
- ⊕ Asymmetrical vertical coverage of 12° (+1°/ -11°)
- ⊕ Variable horizontal dispersion of symmetrical 60° or 120°, and asymmetrical 90°
- ⊕ System can be extended by an additional CoRAY4 or CoRAY4L
- ⊕ Available as a mobile version CoRAY4 with CMS CODA Mobile Suspension system or as an installation version CoRAY4i with M6 threaded points
- ⊕ Ball impact resistant (DIN 18032-3): CoRAY4i
- ⊕ Optional weather protection and all RAL colour finishes available upon request

CoRAY4 Data Sheet



Product type:	Compact 2-way column line source
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:*	144 dB
Dispersion horizontal:	Sym. 120° or 60° or asym. 90° (60°+30°)°
Dispersion vertical:	12° (+1°/- 11°)
Components Low frequency:	4x 5" woofer, 1.5" (38 mm) VC, 170 W (AES)
Components Mid/High frequency:	2x 4" Nd Planar-wave-drivers HF: 1.75" (44.4 mm) VC, 80 W (AES)
Crossover point:	1300 Hz passive
Input connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	4 Ω (+1/-1)
Enclosure material:	Birch plywood
Finish:	Polyurea coating
Suspension:	CoRAY4: CMS + flange adapter CoRAY4i: M6 threaded points
IP rating options (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55: IP55 (direct cable) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	152 x 758 x 214 mm / 5.98 x 29.84 x 8.42"
Net weight:	15.7 kg / 34.61 lbs

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



Other CoRAY4 System Products



G15-SUB /G18-SUB

Compact Multipurpose Sub-Extension



CoRAY4L

Low-mid Extension for CoRAY4



LINUS12C

4-Channel DSP Amplifier
with Loudspeaker Management

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