

CoRAY4



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2-way line source column system

- 2-way ultra compact line source column system
- High power handling of 700 W
- Dual 4" neodymium planar wave drivers
- Four 5" ultra low distortion cone speakers
- Asymmetrical vertical coverage of 12° (1° up, 11° down)
- Variable horizontal dispersion of 120° or 60° or asymmetrical 90°
- Integrated CMS (Coda Mobile Suspension), optimized for mobile use

■ System components: C5, DNC260, G15-SUB, G18-SUB

Applying true Coda Audio line array technologies found in our large touring products into ultra compact size, passive column loudspeaker fill the gap between larger, more expensive line arrays and point source systems offering high quality solutions for acoustically difficult environments.

Description:

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

The cabinet contains four 5" ultra low distortion cone speakers and two 4" HF neodymium planar wave drivers.

Versatility:

The possibility to change the horizontal coverage 120°, 60° or asymmetrical 90° (60°+30°) or (30°+60°) allows precise audience coverage, reduced reflections for better intelligibility. The asymmetrical vertical coverage focuses the sound to the listeners considerably reducing reflections from the ceiling.

Two CoRAY4s can be allied top on top as CoRAY4 Twin, to create consistent symmetrical vertical coverage of 24° without interferences between the cabinets while the horizontal coverage can be modified from 120° to 60° or 120° for short throw and 60° for long throw sending more energy in the far field. In this configuration the system acoustical output will increase by 6 dB and narrow vertical control at low frequency for extending the long throw capabilities of the system.

System solutions:

IMPORTANT: The CoRAY4 is NOT designed to work without dedicated system controller and therefore should be use only with proper Coda Audio controllers. The controller will equalize the system and will ensure limiter protection. The C5 is an integrated solution for DSP control and amplification of CoRAY4. It provides 4 inputs and 4 amplifier outputs as well as network remote control and diagnostic. The DNC260 DSP controller provides 2-inputs, 6-outs as well as network remote control. Presets for CoRAY4 are available.

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TECHNICAL SPECIFICATIONS CoRAY4

Type:	2-way passive column loudspeaker
Frequency response:	80 Hz - 20 kHz (-3 dB)
Power handling AES:	700 W
Peak power:	2800 W
Sensitivity:	97 dB
Max. SPL peak:	131 dB
Dispersion horizontal:	Symmetrical 120° or 60° or asymmetrical 90° (60°+30°)
Vertical:	12° (1° up, 11° down)
Components:	
Low frequency:	4x 5" Woofer, 1.5" (38mm) voice coil, 170 W (AES)
High frequency:	2x 4" Neodymium planar wave drivers, 1.75" (44.4 mm) voice coil, 80 W (AES)
Crossover point:	1300 Hz passive
Nominal impedance:	4 Ω
Input connectors:	2x Neutrik™ NL4MP
Suspension:	CMS (Coda Mobile Suspension) M6 threaded points for use of optional U-bracket
Enclosure material:	Birch plywood
Finish:	Textured black paint
Dimensions (W x H x D):	152 x 758 x 214 mm
Net weight:	15.7 kg
Weatherproof/colour version:	Optional

* Subject to technical alteration without prior notice

An optional G15-SUB or G18-SUB can be added for increased low frequency response.

Options:

Standard RAL colours and weather protection options are available on request.

Applications include worship, live music, political events, conferences, corporate events, delay line for AIRLINE LA8 or LA4 line arrays.

ACCESSORIES

CF4	Flying frame
CA4	Twin adaptor for 2x CoRAY4
C4VC	U-bracket
C4WM	Wall mount bracket
TV4	TV spigot for CF4 flying frame
TV4C	Clamp for TV spigot
19674	Speaker tilt connector 0°-15°
24481	Wall mount for CoRAY4 Twin

