CoRAY4

*CoRAY*₄

CoRAY4

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: Coda Audio System Amplifier, Coda Audio System Controller, G15-SUB, G18-SUB, SC4, CoRAY4L

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.
Digital signal processing is available in Coda Audio System Amplifiers and standalone Coda Audio Digital Controllers.
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. Presets for CoRAY4 are available. 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.

CoRAY4 L

CoRAY4L

Low frequency extension for CoRAY4

- Ultra compact low frequency extension for CoRAY4
- High Power handling of 700W

- Four 5" ultra low distortion cone speakers
- Integrated CMS (Coda Mobile Suspension) optimized for mobile use

The CoRAY4L is an ultra compact low frequency extension for the CoRAY4. The cabinet contains four 5" ultra low distortion cone speakers and features the same CMS (Coda Mobile Suspension) as the CoRAY4 for an integrated fixing solution.

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
COB-CoRAY4	Transportatoion bag for single CoRAY4

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:	Black Polyurea coating (water resistant)
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

TECHNICAL SPECIFICATIONS CoRAY4L

Type:	Low frequency extension for CoRAY4
Frequency response:	80 Hz - 1300 Hz (-3 dB)
Power handling AES:	700 W
Peak power:	2800 W
Sensitivity:	97 dB
Max. SPL peak:	131 dB
Components:	4x 5" woofer, 1.5" (38 mm) voice coil, 170 W (AES)
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:	Black Polyurea coating (water resistant)
Dimensions (W x H x D):	152 x 758 x 214 mm
Net weight:	13.2 kg
Weatherproof version:	Optional

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