

## CoRAY4i



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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°
- Optimized for permanent installations

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

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

CoRAY4i is an extremely advanced 2-way line source solution for all highly reverberant environments. CoRAY4i has been designed to provide exacting results in situation where the natural environment is particularly unforgiving to normal amplified sound reinforcement solutions.

#### Description:

The CoRAY4i 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 is required. The cabinet contains four 5" ultra low distortion cone speakers and two 4" HF neodymium planar wave drivers.

#### Versatility:

It is possible to change the horizontal coverage between 120°, 60° or asymmetrical 90° (60°+30°) or (30°+60°) which

allows precise audience coverage, reduced reflections resulting in better intelligibility.

Two CoRAY4i's can be aligned, top to top as CoRAY4 Twin, to create a 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 to the far field.

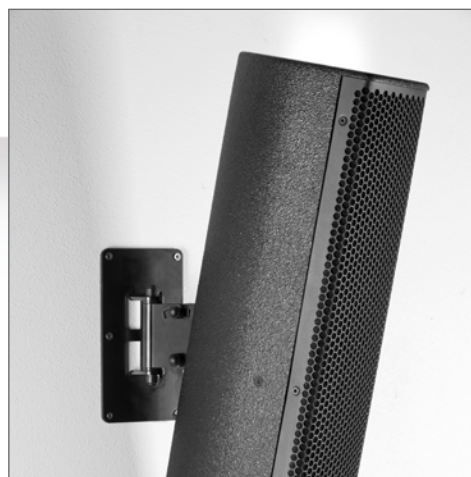
In this configuration the system's acoustical output will increase by 6 dB and narrow vertical control at low frequency for extending the long throw capabilities of the system.

#### 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 DNC260 DSP controller provides 2-inputs, 6-outs as well as network remote control. Presets for CoRAY4 are available.

The C5 is an integrated solution for DSP control and amplification of CoRAY4. It provides 4 inputs and 4 amplifier

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## TECHNICAL SPECIFICATIONS CoRAY4i

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:	M6 threaded points
Enclosure material:	Birch plywood
Finish:	Textured black paint
Dimensions (W x H x D):	152 x 755 x 214 mm
Net weight:	15.7 kg
Weatherproof/colour version:	Optional

\*Subject to technical alteration without prior notice

outputs as well as network remote control and diagnostic. The optional addition of a Coda Audio G15-SUB or G18-SUB can be used when increased low frequency response is required.

## Options:

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

Applications include Houses of worship, small theatres, convention centres, conference rooms, political events, airports, museums, shopping malls, corporate events, delay line for AIRLINE LA8 or LA4 line arrays.

## ACCESSORIES

CF4i	Flying frame
CA4i	Twin adaptor for 2x CoRAY4i
C4VC	U-bracket
C4WM	Wall mount Bracket
24481	Wall mount for CoRAY4i Twin