

# COHEDRA



**Convenient Coverage for Big Venues**

Line Array System for Audiences of Up to 50,000

## COHEDRA

A line array with plenty of coverage for up to 50,000 spectators, the uninitiated would say COHEDRA is certainly a big rig. Surprise, surprise: It is far more compact and lighter than comparable systems. A single one-ton motor hoist is all it takes to fly a 24-unit array. COHEDRA may be operated with and without flown

subs (CDR 210 F), although the sonic image from a line source with CDR 210 F units will be fuller. Nonetheless, it is this flexibility, among other budget-friendly factors, that makes the system such an economically efficient proposition. Both COHEDRA and COHEDRA COMPACT feature the same contingent

of advanced Acoustic Lens, real CD horns and compression chambers for midrange speakers. The added reach, awesome dynamic range, and fantastic fidelity attained by these features are a boon to audiences and audio engineers alike. And for even more versatility, COHEDRA and COHEDRA COMPACT can be readily combined.



### CDR 208 S/T

This 2x 8"/1.4" mid/ high unit with 80° horizontal directivity delivers faithful dynamic response and greater range courtesy of its COHEDRA Acoustic Lens, CD horn design, and compression chambers for midrange drivers. Equipped with fully integrated rigging hardware with quick-release pins, the two CDR 208 S and T housing variants come in two forms to curve the array in different ways while minimizing side lobes.



### CDR 210 F

This direct-radiating, flyable (2 x 10") subwoofer has the same basic shape as the CDR 208 S/T mid/ high units and can be flown with the same rigging hardware. The enclosure is sloped on top and bottom to enable flown bass arrays to be curved (up to 20 CDR 210 F units). The subs may be mounted on the rigging frame above the mid/ high units, flown as a separate bass array, or serve as the base for ground-stacked mid/ high units.



### CDR 210 SUB

This direct-radiating (2 x 10") subwoofer delivers remarkably faithful impulse response for crisp, natural-sounding low-end performance. The CDR 210 Sub's compact design gives you maximum flexibility—left-right clusters, quad blocks, sub arrays—in configuration. A special coating protects the speakers against dirt and moisture.



## Accessories



### COHEDRA Rigging-Hardware

Fly harness with upper and lower rigging frame for up to 24 CDR 208 S/T mid/high units or 12 CDR 210 F bins, including lashing strap; TÜV/BGV-C1-certified



### COHEDRA Stack Frame

Special frame for ground stacks with CDR 208 S/T and/or CDR 210 F units, including four adjustable spindle feet to compensate for uneven flooring



### CDR 208/CDR 210 F Mid/High Case

Safely transports four CDR 208 S/T or two CDR 210 F units, with 100-mm Blue Wheels



### CDR 210 SUB Bass Dolly

Special dolly for four CDR 210 units, with 100-mm Blue Wheels and lashing strap



### CDR 210 SUB Protective Cover

Made of extremely tear-resistant, water-repellent nylon, this tailored zippered cover protects four CDR 210 units on the bass dolly (not included).

## Technical Specifications

	CDR 208 S/T	CDR 210 F	CDR 210 Sub
<b>Power handling, nominal (RMS)</b>	500 W	600 W	600 W
<b>Power handling, peak</b>	2,000 W	2,400 W	2,400 W
<b>Power handling, program</b>	1,000 W	1,200 W	1,200 W
<b>Frequency response +/- 3 dB</b>	88 Hz – 16 kHz	47 Hz – x-over	47 Hz – x-over
<b>Nominal impedance</b>	8 Ω	8 Ω	8 Ω
<b>Axial sensitivity 1 W @ 1 m*</b>	108 dB	104 dB	104 dB
<b>Max. SPL @ 10% THD*</b>	138 dB (measured with 4 x CDR 208)	139 dB (measured with 4 x CDR210F)	139 dB
<b>Connectors</b>	2 x Speakon NL 4	2 x Speakon NL 4	2 x Speakon NL 4
<b>Bass woofer</b>	2 x 8"	2 x 10"	2 x 10"
<b>HF driver</b>	1.4"	-	-
<b>HF horn</b>	80° CD horn	-	-
<b>Corner frequency, passive x-over</b>	800 Hz, 12 dB/oct.	Controller-driven	Controller-driven
<b>Rigging/ pick points</b>	Integrated rigging hardware	Integrated rigging hardware	-
<b>Grips</b>	2, integrated	-	-
<b>Optional accessories</b>	Touring flight case for 4 x CDR 208,	Touring flight case for 2 x CR 210 F	Protective cover, dolly
<b>Housing</b>	15/18-mm, 13-ply birch	18-mm, 13-ply birch	18-mm, 13-ply birch
<b>Front grille</b>	Impact-resistant steel grille	Impact-resistant steel grille	Impact-resistant steel grille
<b>Finish</b>	2-component PU enamel, black	2-component PU enamel, black	2-component PU enamel, black
<b>Dimensions (W x H x D)</b>	65 x 25.5 x 60 cm (CDR 208T) 65 x 24 x 60 cm (CDR 208S)	65.5 x 48.2 x 59.4 cm	110 x 32 x 40 cm
<b>Weight</b>	30 kg, 66.1 lbs	41 kg, 90.4 lbs	32 kg, 70.5 lbs

\* half-space