



COHERENCE 8 is a symmetrical three-way bi-amplified compact line array designed to provide high sound quality and intelligibility in small to medium-sized spaces.

Its rigging system allows a maximum array of 16 boxes to cover large spaces or where high levels of sound pressure are required.

Up to 12 boxes of CO-8 can be connected to a single stage PLM 20k44 (2.66 Ohm).

It is possible to mount a near or rear array of

COHERENCE-15 to achieve a low frequency increase in large spaces.

Very fast transport and rigging system for flying or stacking. EASE Focus simulation software.

For mid-high frequencies, mount a Dual Diaphragm Planar-Wave-Driver (DDP) which is a high-tech mid-high driver with 8 "waveguide.

For the bass frequencies two 8 "loudspeakers are used that cover the range of 55 Hz - 600 Hz.

FEATURES

- Neodymium driver for coaxial double diaphragm media / high frequency
- Dual 8 "high excursion speaker and very low distortion with low weight carbon fiber diaphragm
- Symmetrical design
- High power capacity
- Horizontal dispersion variable of 80°, 110° or asymmetric
- Vertical dispersion from 0° to 10° adjustable in steps of 1°
- High sound quality
- Integrated rigging system
- Extension in bass using low COHERENCE-15 (35-200hz)
- Extension at very low frequency using sub COHERENCE-18 (25-90hz)
- Amplification Lab Gruppen PLM / Lake



APPLICATIONS

Designed for touring and medium format and theater installations.

It can also be used as a down-fill with the COHERENCE-12, high-performance side-fill or front-fill

AUDIO SPECIFICATIONS

Frequency Response	55 Hz - 22 kHz (-3dB)
Power Handling (AES / Peak)	LF 500 / 2000 w MF 150 / 1300 w HF 80 / 400 w
SPL Maximum Output (Peak +6 dB)	LF 133 dB MF / HF 142 dB
Sensitivity (1w/1m)	LF 97 dB HF 112 dB
Dispersion	Horizontal: 110° - 80° - 100° (55° + 40° - 40° + 55°) Vertical: Depends on the array 0° - 10° in steps de 1°
Nominal Impedance	LF 16 Ohm (+1 / -1) HF 16 Ohm (+2 / -2)
Drivers	LF 2 x 8" MF / HF 8" Planar Wave Driver MF 3,5" HF 1,75"
Loudspeaker Type	3 Way
Input Connection	2 x NL4

MECHANICAL SPECIFICATIONS

Height	660 mm
Width	242 mm
Depth	360 mm
Weight	24 kg
Finish	Black Epoxy
Shell	Baltic Birch
Rigging	Curvature Coherence 8 Strap System