

# Curvature Systems

## **CURVATURE III**

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Curvature III is a 2-way active small format line array system. It is designed for use in medium-gauge spaces and is capable of providing high sound pressure levels in relation to its size and weight.

For use as a voice booster it can be used without subwoofer.

It has a horizontal dispersion of 90° and allows both hanging and staking.

For the reproduction of the bass frequencies, 2

neodymium loudspeakers of 6.5" of very high excursion and with a movable coil of aluminum of 1.7" are used. Both transducers are protected against moisture by a treatment on the membrane.

For the high frequencies, a 1" neodymium motor with 44mm aluminum moving coil is wound in a sandwich on a kapton support. Mounts a polyester ring diaphragm. This motor is coupled to a waveguide and diffuser made in one piece.

### FEATURES

- Very comfortable and light
- Simple, fast and integrated rigging system
- Horizontal Coverage of 90°
- Triamplified
- Neodymium Transducers
- Curvature Design Center Flying Software
- Excellent for all distances
- Clarity, intelligibility and precision
- Vertical directivity adjustable in steps of 1°
- Suitable for touring or fixed installations
- Unrivalled ratio "price / performance / size"



### APPLICATIONS

- Sound reinforcement in theaters
- Live sound reinforcement
- Corporate events
- Fixed installations
- Back-up system for sound reinforcement in large-scale outdoor applications.

**AUDIO SPECIFICATIONS**

Frequency Response	74 Hz – 20 KHz -3dB
Low Frequency	53 @ -10 dB
Power Handling	LF 400 w HF 80 w
SPL Maximum Output	138 dB Four enclosures
Sensitivity (1w/1m)	LF 95 dB HF 112 dB
Dispersion	90° Horizontal / 8° Vertical
Nominal Impedance	LF 16Ohm HF 16Ohm
Drivers	LF 2 x 6,5" HF 1 x 1"
Loudspeaker Type	2 Way @ 1200 Hz
Input Connection	2 x Speakon NL4

**MECHANICAL SPECIFICATIONS**

Height	173mm
Width	580mm
Depth	335mm
Weight	12,6kg
Finish	Black Epoxy
Shell	15mm Baltic Birch
Rigging	Curvature III Strap System