

CURVATURE ARRAY SYSTEMS are three-way line array systems

designed to deliver high-quality reinforcement of music and

speech in a variety of applications.

Can be used in corporate, classical or theatrical productions

without subwoofers. For touring application, the addition of

CURVATURE SUB is recommended and curvature systems are

highly suited for sound reinforcement in arena, stadium or outdoor

festival applications. The 90° horizontal coverage provides excellent stereo image in left-right configurations. the system

was designed to be flown even, though is possible ground-staking arrays.

The CURVATURE I requires digital signal processing configured to maintain optimum array

performance throughout the designed coverage area.

The loudspeaker system shall be a three-way active bass, mid-range and high-frequency

system featuring a total of eight drivers.

The bass section shall have one 18" driver, 4,5" voice coil in a bass-reflex cabinet, capable of

handling 700 w of pink noise signal with 6 db crest factor for 8 hours (as per EIA RS-426-A standard).

The mid-range section shall be 4x10" neodymium drivers capable of handling 800 w of

continuous pink noise loaded in its own sealed cavity providing efficient and intelligible reproduction.

The high end employs two 2 inch titanium diaphragm compression drivers coupled to a hf

vertical slot aperture and a 90° wood horn for optimum performance and coverage. The drivers

shall be capable of handling 225 w of pink noise signal with 6 db crest factors for 2 hours.

The enclosure is constructed of 19mm, 13-ply Baltic birch and is covered with a rugged epoxy

## FEATURES

- Very compact and robust
- Simple, fast and integrated rigging system.
- Horizontal cover 90°
- Triamplified
- Excellent for all distances
- Suitable for touring or fixed installations

## APPLICATIONS

Reinforcement of sound in theaters.

Live sound reinforcement

Corporate events

Fixed installations

Delay system for sound reinforcement in large-scale outdoor applications.

**AUDIO SPECIFICATIONS**

Frequency Response	40 Hz to 17 KHz
Low Frequency	1 Enclosure -3 dB @ 45 Hz
Power Handling	LF 700 w MF 800 w HF 225 w
SPL Maximum Output	SPL Máximo
Sensitivity (1w/1m)	LF 98 dB MF 109 dB HF 116 dB on axis on horn
Dispersion	90° -6dB
Nominal Impedance	LF 4 Ohm MF 4 Ohm HF 5.3 Ohm
Drivers	LF 1 x 18" MF 4 x 10" HF 3 x 2" Compression Driver
Loudspeaker Type	Active 3 Way
Input Connection	EP8 Cannon

**MECHANICAL SPECIFICATIONS**

Height	140mm
Width	50mm
Depth	57mm
Weight	120kg
Finish	Black Epoxy
Shell	19mm Baltic Birch
Rigging	Curvature Strap System