CLA-1620

Curvilinear Line Array Series

True Sound Engagement in Challenging Acoustics

The **CLA-1620** is a sixteen element J-array loudspeaker. It has sixteen 3.5" mid-frequency drivers and sixteen ribbon high frequency drivers. The **CLA-1620** has been optimized for speech applications in acoustically challenging spaces. It can also serve as an articulation extender in large scale sound systems.

The **CLA-1620** has been preconfigured in an asymmetrical 20° V by 120° H coverage pattern with vertical directivity to 325 Hz, and low frequency response to 100 Hz.

When it is combined with an Innovox DLF Series dipole LF loudspeaker, low frequency response is extended below 50 Hz, resulting in a compact full range loudspeaker system.

Key Features

- *Asymmetrical 120° H x 20° V Coverage*
- *Vertical Directivity to 325 Hz*
- *Line Array Projection for Back of Room Coverage*
- *Superior Transient Response*

Applications

- *Houses of Worship*
- *Lecture Halls*
- *Presentation Spaces*
- *Articulation Extension in Performing Arts Centers*

Technical Specifications

DESCRIPTIVE DATA

System configuration	Curvilinear M/H line array
Components & Loading	(16) 3.5" Long-excursion MF drivers; (16) 3" ribbon HF drivers
Recommended High-Pass	4th order Butterworth @ 100 Hz
Nominal Impedance	8 Ω
Input Connectors	NL4, Dual Binding Head Screws
Enclosure Material	Steel, aluminum, Baltic Birch plywood
Enclosure Type	Curvilinear array; sealed enclosure
Finish	Black or white standard (custom colors available)
Grille	Painted, perforated steel
Suspension Hardware	(2) 3/8-16 threaded points on each side; steel yoke included

ACOUSTICAL DATA

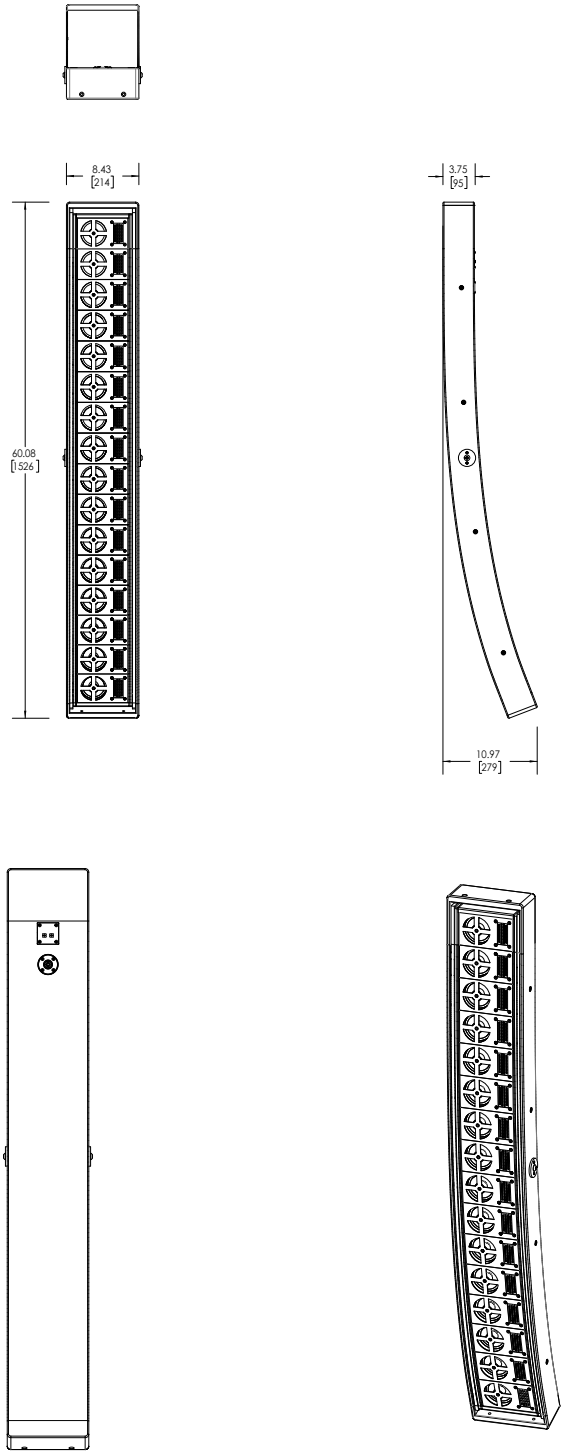
Frequency Response	100 Hz–20 KHz ±3dB
Sensitivity	95 dB @ 2.83 volts / 1M
Power Handling	1000 W long term program (AES-2)
Nominal Coverage	120° H x 20° V
Maximum Long-term Output	123 dB
Peak Output	129 dB

PHYSICAL

Height	60.08" / 1526 mm
Width	8.37" / 213 mm
Depth	3.62" / 92 mm
Net Weight	34 lbs. / 15.5 kg
Shipping Weight	42 lbs. / 19.1 kg

All rights reserved copyright 2023, Innovox Audio, LLC. Products and specifications subject to change.

Dimensional Drawings



All rights reserved copyright 2023, Innovox Audio, LLC. Products and specifications subject to change.