

CLA-1650



Curvilinear Line Array Series

EXPERIENCE THE SOUND
OF TRUE ENGAGEMENT

True Sound Engagement in Challenging Acoustics

DESCRIPTION

The **CLA-1650** is a sixteen element J-array loudspeaker. It has sixteen 3.5" mid-frequency drivers and sixteen ribbon high frequency drivers. The CLA-1650 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-1650** has been preconfigured in an asymmetrical 50° 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 50° V Coverage
- Vertical Directivity to 325Hz
- Line Array projection for back of room coverage
- Superior transient response

APPLICATIONS

- Churches
- Lecture Halls and Presentation Spaces
- Articulation Extension in Performing Arts Centers

DESCRIPTIVE DATA

System Configuration:	Curvilinear M/H line array
Components & Loading:	(16) 3.5" long-excursion MF drivers; (16) 3" ribbon HF drivers
High-Pass Filter (recommended minimum)	4 th order Butterworth @100 Hz
Enclosure Type:	Curvilinear array: sealed enclosure
Enclosure Material:	Steel, Aluminum & Baltic Birch Plywood
Finish:	Black or White (custom colors available)
Connectors:	Dual binding-head screws & NL-4
Suspension Hardware:	(2) 3/8-16 threaded points on each side; steel yoke included
Grille:	Painted perforated steel

NOMINAL DATA

Frequency Response:	100 – 20,000 Hz \pm 3 dB
Sensitivity:	95 dB @ 2.83 volts / 1M
Nominal Impedance:	8 Ω
Power Handling:	1000 W long term (AES-2)
Maximum Long-Term Output: Peak Output:	123 dB 129 dB
Nominal Coverage Angles:	120° H x 50° V
Dimensions	Height: 56.20" / 1427 mm Width: 8.37" / 213 mm Depth: 3.76" / 96 mm
Net Weight:	34 lbs / 15.5 kg
Shipping Weight:	42 lbs / 19.1 kg

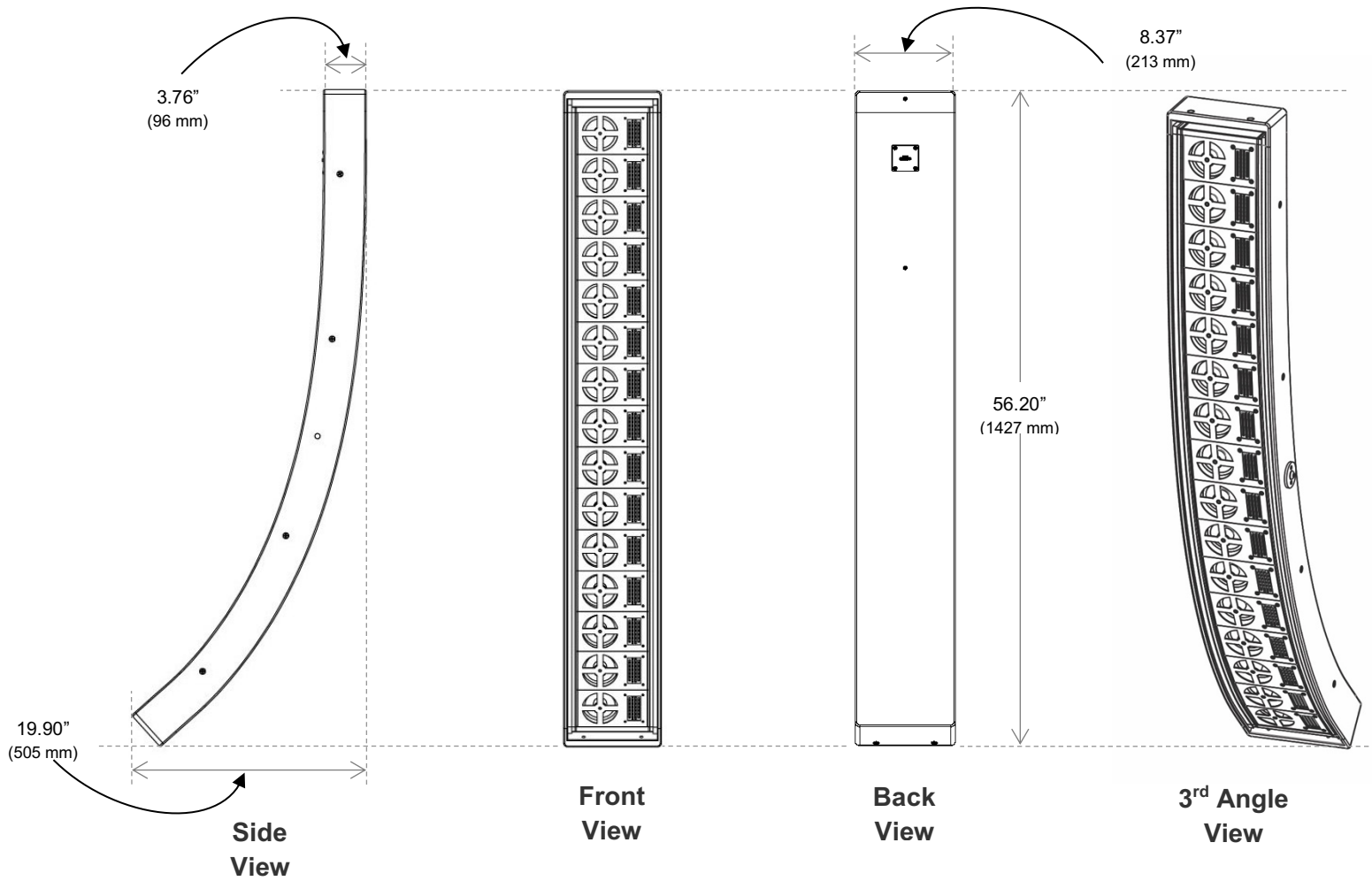
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DIMENSIONAL DRAWINGS



INCLUDED HARDWARE

