

# CLA-2050



## Curvilinear Line Array Series

EXPERIENCE THE SOUND  
OF TRUE ENGAGEMENT

### True Sound Engagement in Challenging Acoustics

#### DESCRIPTION

The **CLA-2050** is a twenty element J-array loudspeaker. It has twenty 3.5" mid-frequency drivers and twenty ribbon high frequency drivers. The CLA-2050 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-2050** has been preconfigured in an asymmetrical 50° V by 120° H coverage pattern with vertical directivity to 275 Hz, and low frequency response to 100 Hz.

When it is combined with an Innovox SDLF Series steered bass array, bass response is extended below 50 Hz, creating a high impact, full range music system.



#### KEY FEATURES

- Asymmetrical 120° H x 50° V Coverage
- Vertical Directivity to 275Hz
- 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:	(20) 3.5" long-excursion MF drivers; (20) 3" ribbon HF drivers
High-Pass Filter (recommended minimum)	4 <sup>th</sup> order Butterworth @80 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 ±3 dB
Sensitivity:	95 dB @ 2.83 volts / 1M
Nominal Impedance:	8 Ω
Power Handling:	1200 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: 67.08" / 1704 mm Width: 8.37" / 213 mm Depth: 3.64" / 92 mm
Net Weight:	42 lbs / 19.1 kg
Shipping Weight:	50 lbs / 22.7 kg

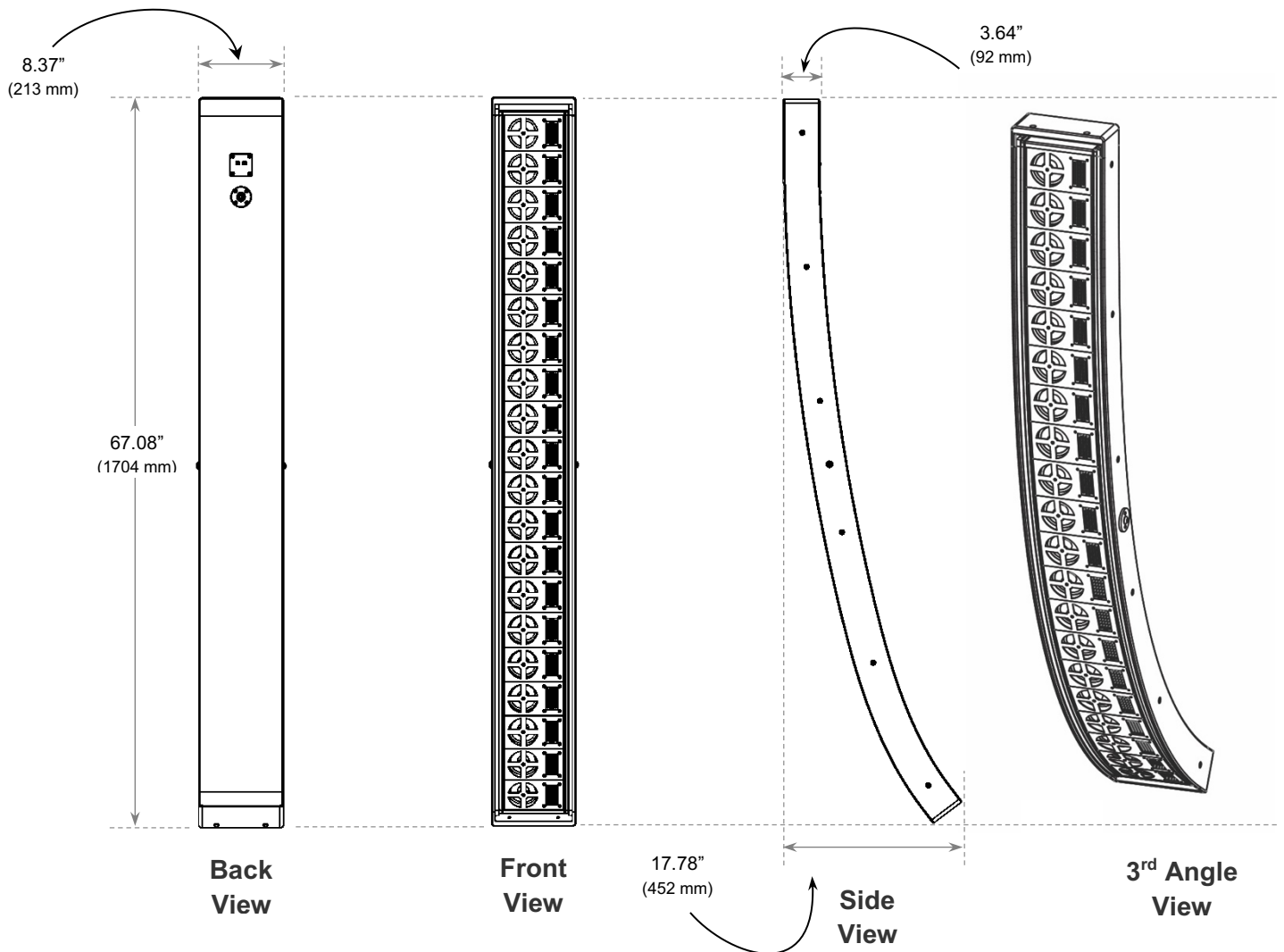
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## DIMENSIONAL DRAWINGS



## INCLUDED HARDWARE

