

# CLA-950

## Curvilinear Line Array Series



EXPERIENCE THE SOUND  
OF TRUE ENGAGEMENT

### True Sound Engagement in Challenging Acoustics

#### DESCRIPTION

The **CLA-950** is a nine element J-array loudspeaker. It has nine 3.5" mid-frequency drivers and nine ribbon high frequency drivers. The CLA-950 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-950** has been preconfigured in an asymmetrical 50° V by 120° H coverage pattern with vertical directivity to 600 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 very compact full range loudspeaker system.



#### KEY FEATURES

- Asymmetrical 120° H x 35° V Coverage
- Vertical Directivity to 600HZ
- 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: sealed enclosure                 |
| Components & Loading:      | (9) 3.5" long-excursion MF drivers; (9) 3" ribbon HF drivers |
| Recommended Hi-pass Filter | 4 <sup>th</sup> order Butterworth @ 150Hz (minimum)          |
| 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:                           | 750 W long term (AES-2)  |
| Maximum Long-Term Output:<br>Peak Output: | 121 dB<br>127 dB   |
| Nominal Coverage Angles:                  | 120° H x 50° V   |
| Dimensions                                | Height: 33.16" / 842 mm<br>Width: 8.43" / 214 mm<br>Depth: 3.64" / 92 mm |
| Net Weight:                               | 20 lbs / 9.1 kg  |
| Shipping Weight:                          | 24 lbs / 10.9 kg   |

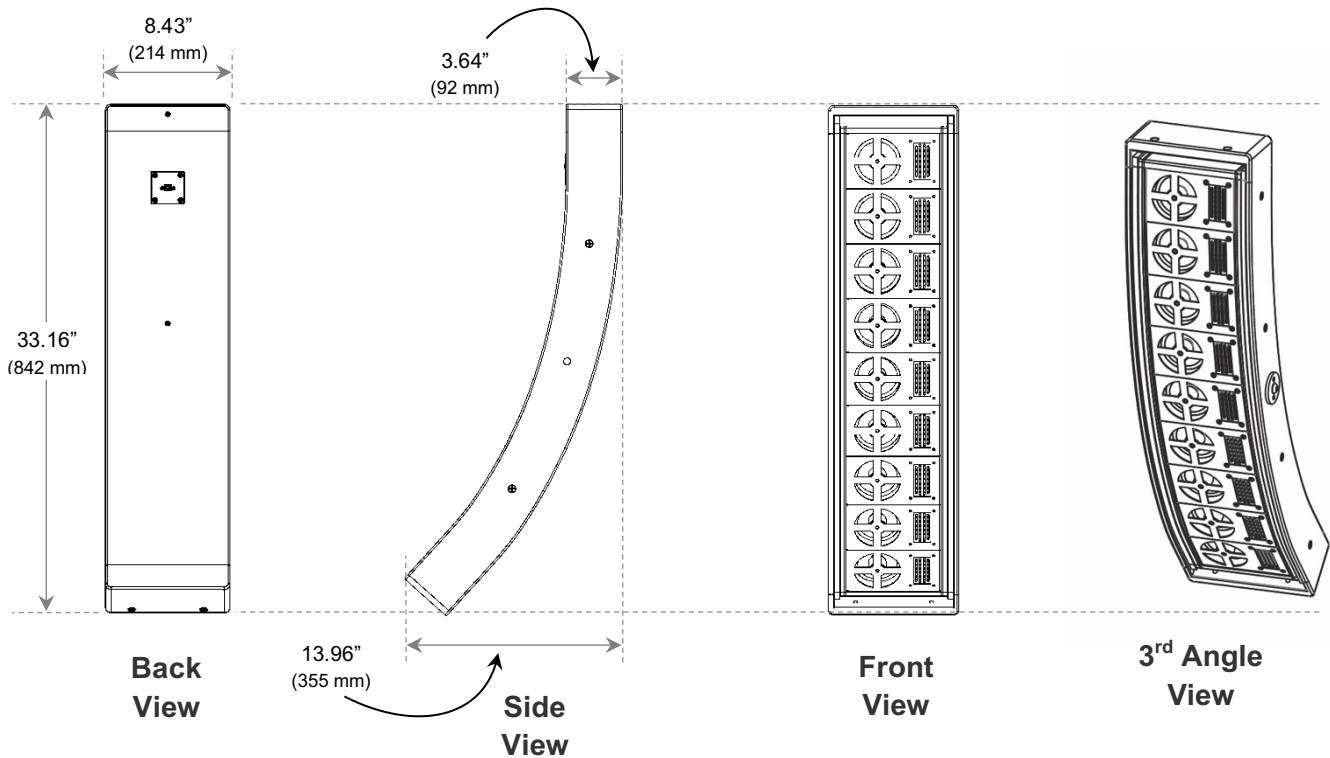
# CLA-950

Curvilinear Line Array Series



EXPERIENCE THE SOUND  
OF TRUE ENGAGEMENT

## DIMENSIONAL DRAWINGS



## INCLUDED HARDWARE

