# CLA-935

Curvilinear Line Array Series

## True Sound Engagement in Challenging Acoustics



The **CLA-935** is a nine element J-array loudspeaker. It has nine 3.5" mid-frequency drivers and nine ribbon high frequency drivers. The **CLA-935** 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-935** has been preconfigured in an asymmetrical 35° 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 600 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** | (9) 3.5" Long-excursion MF drivers; (9) 3" ribbon HF drivers |
| **Recommended High-Pass** | 4th order Butterworth @ 150 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** | 98 dB @ 2.83 volts / 1M |
| **Power Handling** | 750 W long term program (AES-2) |
| **Nominal Coverage** | 120° H x 35° V |
| **Maximum Long-term Output** | 121 dB |
| **Peak Output** | 127 dB |

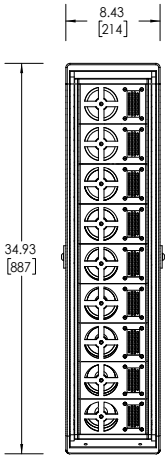
### PHYSICAL

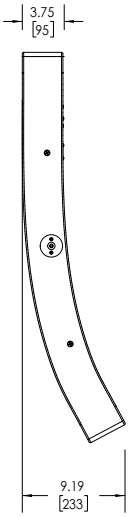
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| **Height** | 34.93" / 887 mm |
| **Width** | 8.43" / 214 mm |
| **Depth** | 3.64" / 92 mm |
| **Net Weight** | 20 lbs. / 15.5 kg |
| **Shipping Weight** | 24 lbs. / 19.1 kg |

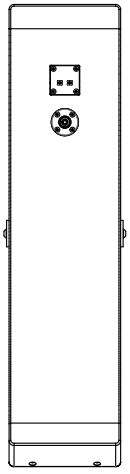

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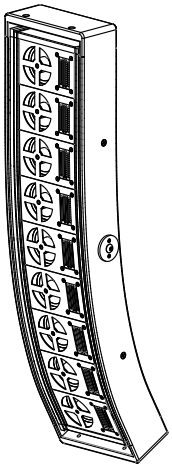
## Dimensional Drawings








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