

DESCRIPTION

The **CLA-1635** is a sixteen element J-array loudspeaker. It has sixteen 3.5" mid-frequency drivers and sixteen ribbon high frequency drivers. It is designed as a "delay fill" articulation extension loudspeaker, and it can also be used as a stand-alone voice range speaker.

The **CLA-1635** has been preconfigured in an asymmetrical 35°V by 120°H coverage pattern with vertical directivity to 300 Hz, and low frequency response to 100 Hz. A single CLA-1635 can provide voice range coverage of both the front row and seats as far as 100 feet away with exceptional clarity and detail. As a delay fill loudspeaker it can extend the projection of a main loudspeaker array to beyond 175 feet.

KEY FEATURES:

- asymmetrical 35° V x 120° H coverage
- vertical control to 300 Hz
- -3 dB low frequency response 100 Hz
- effective projection to 100 feet

APPLICATIONS:

- churches
- lecture halls
- presentation spaces
- performing arts centers



NOMINAL DATA

| | |
|--------------------|--|
| Frequency Response | 100 Hz to 20k Hz, ± 3 dB |
| Sensitivity | 98 dB @ 2.83V / 1M |
| Impedance | 8Ω |
| Power Handling | 1500 W long-term (AES-2) |
| Maximum Output | 123 dB long-term, 129 dB peak |
| Nominal Coverage | 120° H x 35° V |
| Dimensions | height: 59.44 " / 1510 mm width: 8.37 " / 213 mm depth: 3.62 " / 92 mm |
| Net Weight | 31 lbs / 14.0 kg |
| Shipping Weight | 42 lbs / 19.0 kg |

DESCRIPTIVE DATA

| | |
|---|---|
| System Configuration | curvilinear M/H line array |
| Components & Loading | 16 x 3.5" MF 16 x 3" ribbon HF |
| High-Pass Filter (recommended minimum) | 4 th order Butterworth @150 Hz |
| Enclosure Type | Curvilinear array: sealed enclosure |
| Enclosure Material | Steel, Aluminum & Baltic Birch Plywood |
| Finish | White or Black (custom colors available) |
| Connectors | 2-pole Phoenix connector |
| Suspension Hardware | (2) 3/8-16 threaded points on each side; steel yoke included |
| Grille | Painted perforated steel |

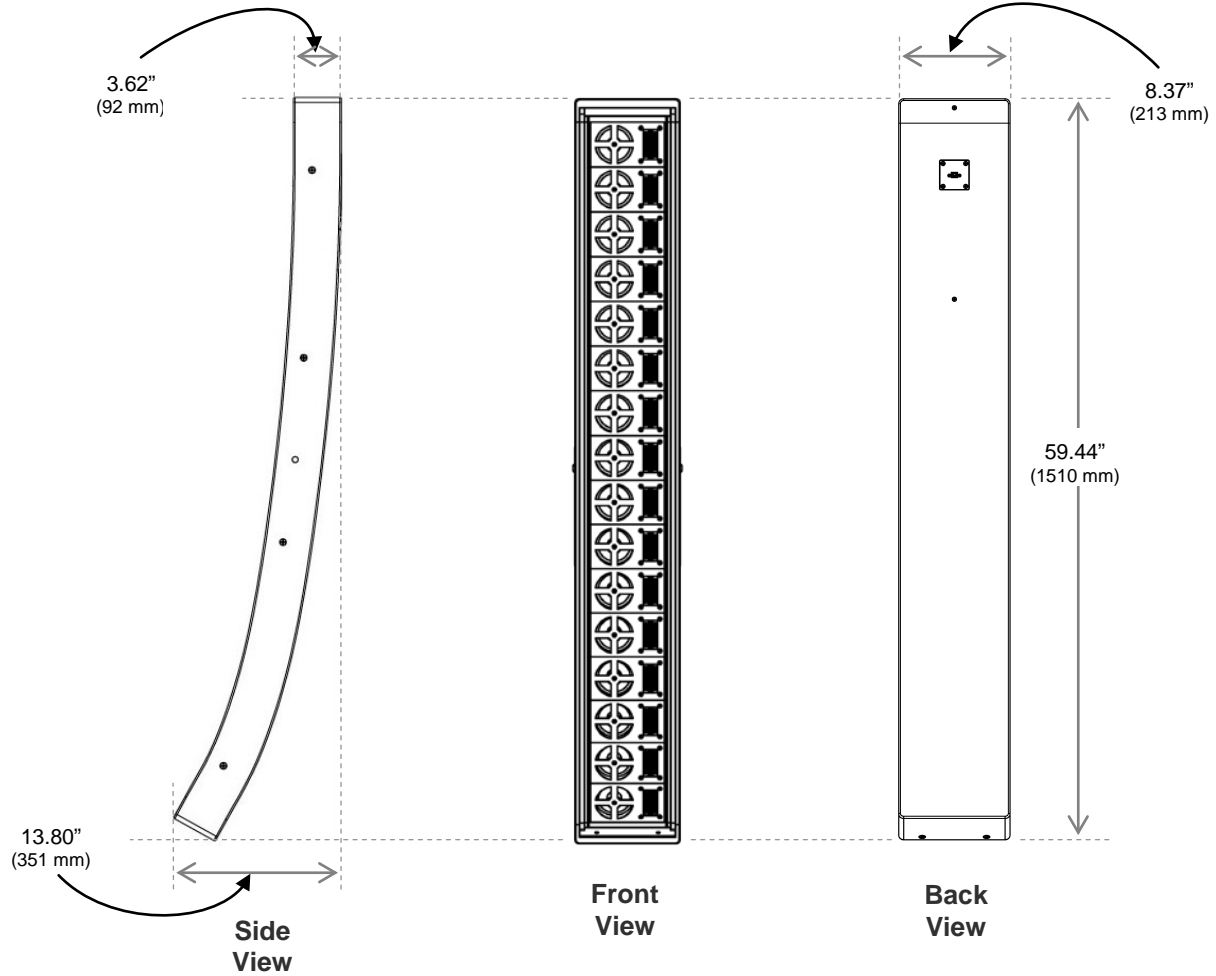


AMERICAN LOUDSPEAKER INNOVATION

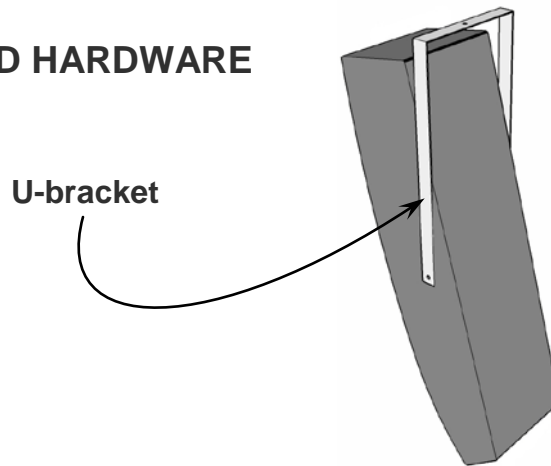
Curvilinear Line Array™ Series –

CLA-1635

DIMENSIONAL DRAWINGS



INCLUDED HARDWARE



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PROUDLY MADE IN THE U.S.A.