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

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

DESCRIPTIVE DATA

System Configuration: curvilinear M/H line array
Components & Loading: 16 x 3.5” MF
                      16 x 3” ribbon HF
High-Pass Filter     : 4th 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

innovoxaudio.com
PROUDLY MADE IN THE U.S.A.
Curvilinear Line Array™ Series –
CLA-1635

DIMENSIONAL DRAWINGS

Included Hardware

U-bracket

296 North Pascal Street
Saint Paul MN 55104
innovoxaudio.com
PROUDLY MADE IN THE U.S.A.