DESCRIPTION

The HLA-1635P is a hybrid integration of a sixteen element J-array loudspeaker and a dipole directional low frequency loudspeaker. It is powered by two internal 1000W amplifiers with an on-board DSP. The J-array portion contains sixteen 3.5” mid-frequency drivers and sixteen ribbon high frequency drivers. The low frequency portion incorporates two 12” high output low frequency drivers in a unique staged dipole configuration to extend vertical LF control.

It has been preconfigured in an asymmetrical 35°V by 120°H coverage pattern with vertical directivity to 75 Hz, and low frequency response to 50 Hz. A single HLA-1635 can provide full range coverage of both the front row and seats as far as 100 feet away with exceptional clarity and detail.

KEY FEATURES:

- asymmetrical 35° V x 120° H coverage
- vertical control to 100 Hz via staged dipole
- power & DSP by Powersoft®
- -3 dB low frequency response 50 Hz
- effective projection to 100 feet

APPLICATIONS:

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

NOMINAL DATA

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Response</td>
<td>50 Hz to 20k Hz, ± 3 dB</td>
</tr>
<tr>
<td>Power</td>
<td>M/H: 1000 W RMS</td>
</tr>
<tr>
<td></td>
<td>LF: 1000 W RMS</td>
</tr>
<tr>
<td>Maximum Output</td>
<td>121 dB long-term, 127 dB peak</td>
</tr>
<tr>
<td>Nominal Coverage</td>
<td>120° H x 35° V</td>
</tr>
<tr>
<td>Dimensions</td>
<td>height: 59.50” / 1511 mm</td>
</tr>
<tr>
<td></td>
<td>width: 15.38” / 390 mm</td>
</tr>
<tr>
<td></td>
<td>depth: 12.25” / 311 mm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>114 lbs / 52.0 kg</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>127 lbs / 58.0 kg</td>
</tr>
</tbody>
</table>

DESCRIPTIVE DATA

System Configuration: Biamped hybrid integration of a curvilinear M/H line array and a staged low frequency dipole

Components & Loading:
- 16 x 3.5” MF
- 16 x 3” ribbon HF
- 2 x 12” LF drivers

Input: Balanced line level with XLR and XLR loop through

Enclosure Type: Curvilinear array: sealed enclosure
Dipole LF: tuned reflex enclosure

Enclosure Material: Steel, Aluminum & Baltic Birch Plywood

Finish: White or Black (custom colors available)

Suspension Hardware: (2) 3/8-16 threaded points on each side; steel yoke included

Grille: Painted perforated steel (fabric-wrap available as an option)
Hybrid Line Array™ Series –
HLA-1635P

DIMENSIONAL DRAWINGS

INCLUDED HARDWARE

OPTIONAL ACCESSORY

Wall-Mount
HLA-16-WM

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MADE IN THE U.S.A.