HLA-1650P
Hybrid Line Array Series

True Sound Engagement in Large Venues

DESCRIPTION

The HLA-1650P is a hybrid integration of a sixteen element J-array loudspeaker and a dipole directional low frequency loudspeaker. It is powered by two internal Powersoft 1500W amplifiers with 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 14” high-output low frequency drivers in a dipole configuration to extend vertical LF control.

It has been preconfigured in an asymmetrical 120° H by 35° V coverage pattern with vertical directivity to 135 Hz, and low frequency response to 50 Hz.

KEY FEATURES

- Asymmetrical 120° H x 50° V Coverage
- Power and DSP by Powersoft
- Maintains Vertical Control to 135 Hz

APPLICATIONS

- Churches
- Lecture Halls
- Presentation Spaces
- Performing Arts Centers

DESCRIPTIVE DATA

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

Components & Loading:
(16) 3.5” MF drivers; (16) 3” ribbon HF drivers; (2) 14” LF drivers

Input: Balanced line level with XLR & XLR loop through

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

Enclosure Material:
Steel, aluminum & Baltic Birch plywood

Finish:
Black or White standard (custom colors available)

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

Grille:
Painted perforated steel

NOMINAL DATA

Frequency Response: 50 – 20,000 Hz ±3 dB

Managed Class D Power:
2 x 1500 W RMS

Maximum Long-Term Output:
Peak Output:
123 dB
129 dB

Nominal Coverage Angles: 120° H x 50° V

Dimensions
Height:
Width:
Depth:
55.14” / 1401 mm
15.44” / 392 mm
13.76” / 350 mm

Net Weight:
119 lbs / 54.1 kg

Shipping Weight:
138 lbs / 62.7 kg
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DIMENSIONAL DRAWINGS

INCLUDED HARDWARE

OPTIONAL HARDWARE

U-bracket

Wall-Mount
HLA-9-WM