



Hybrid Line Array™ Series

HLA-16P

Powered HLA – with On-Board DSP

DESCRIPTION

The **HLA-16P** 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-16 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:

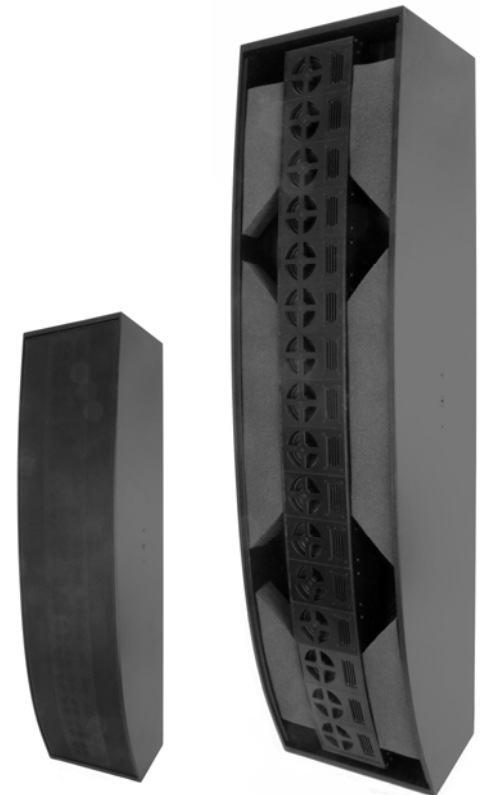
- self-powered – with on-board DSP
- asymmetrical 35° V x 120° H coverage
- vertical control to 75 Hz via staged dipole
- -3 dB low frequency response 50 Hz
- effective projection to 100 feet

APPLICATIONS:

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

NOMINAL DATA

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



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
Analog Input	Balanced line level with xlr / trs, and xlr loop through
Digital Input	AES/EBU
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)

West Coast Office

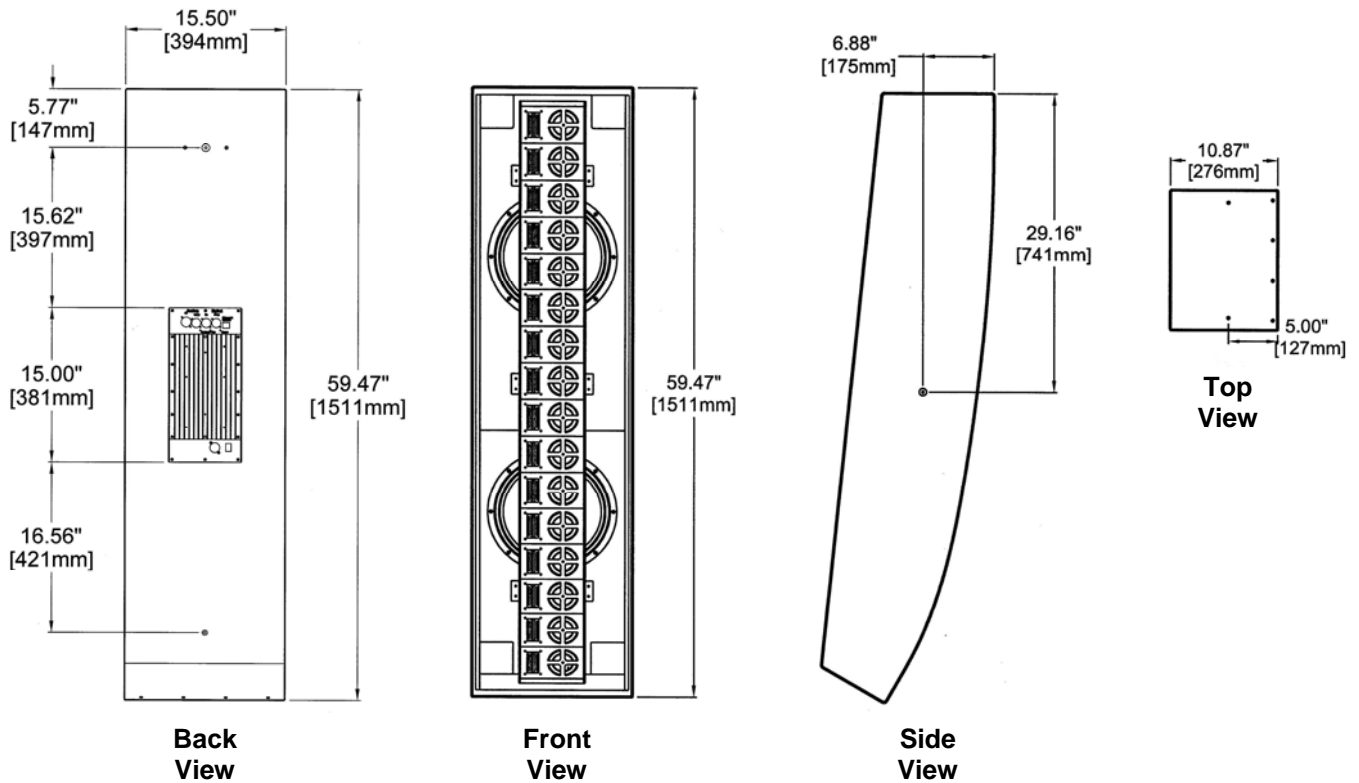
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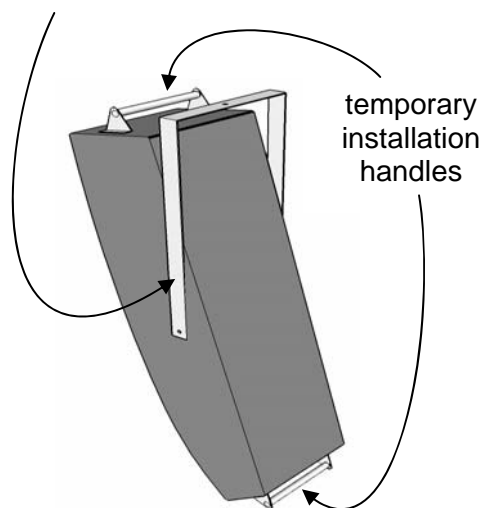
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DIMENSIONAL DRAWINGS

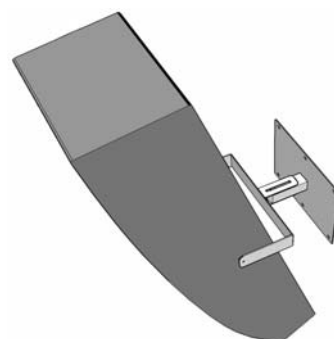


INCLUDED HARDWARE

U-bracket



OPTIONAL ACCESSORY



Wall-Mount
HLA-16-WM

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