

*(50° Vertical Included Angle)*

## DESCRIPTION

The **HLA-16XT-via50** is a sixteen element J-array loudspeaker. It has sixteen 3.5" mid-frequency drivers and sixteen ribbon high frequency drivers. Designed as a "delay fill" loudspeaker for more steeply raked seating, it extends the effective projection of an HLA-16 "main" loudspeaker, and it can also be used as a stand-alone voice range speaker.

The **HLA-16XT-via50** has been preconfigured in an asymmetrical 50°V by 120°H coverage pattern with vertical directivity to 300 Hz, and low frequency response to 100 Hz. A single HLA-16XT-via50 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 loudspeaker it can extend the projection of an HLA-16 Hybrid Line Array to beyond 175 feet.

## KEY FEATURES:

- asymmetrical 50° V x 120° H coverage
- vertical control to 300 Hz
- -3 dB low frequency response 100 Hz
- effective projection to 100 feet

## APPLICATIONS:

- voice range PA
- balcony fill for:
  - churches
  - presentation spaces
  - performing arts centers



## NOMINAL DATA

Frequency Response	100 Hz to 20k Hz, ± 3 dB
Sensitivity	97 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 50° V
Dimensions	height: 56.14" / 1426 mm width: 8.35" / 212 mm depth: 3.64" / 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
Recommended High-Pass Filter	4 <sup>th</sup> order Butterworth @100 Hz
Enclosure Type	Curvilinear array: sealed enclosure
Enclosure Material	Steel, Aluminum & Baltic Birch Plywood
Finish	White or Black (custom colors available)
Connectors	NL4 & dual binding head screws
Suspension Hardware	(2) 3/8-16 threaded points on each side; steel yoke included
Grille	Painted perforated steel

**DIMENSIONAL DRAWINGS**

