

HLA 850V / HLA 850SxS

Hybrid Line Array Series



The **HLA-850V** and **HLA-850SxS** are self-powered hybrid integrations of an eight-element J-array and a directional dipole low-frequency loudspeaker pair. This unique integration yields precise vertical control not previously possible in such a compact package..

It is available in a vertical configuration (**HLA-850V**) or a side-by-side configuration (**HLA-850SxS**). The V and SxS variations are functionally identical and are offered as alternatives based on dimensional and aesthetic needs.

The line source portion contains eight proprietary 3.5" mid-range and eight high-frequency ribbon drivers. The low-frequency portion incorporates two 8" low-frequency drivers in a dipole configuration to extend vertical LF control not otherwise achieved in this compact foot print. An onboard Innovox DSP-amplifier provides 1600W of Class D power.

The **HLA-850** has been pre-configured for an asymmetrical 120° H by 50° V coverage pattern with vertical directivity to 240 wHz, and LF frequency response to 60 Hz.



Key Features

- Asymmetrical 120° Horizontal X 50° Vertical Coverage
- Onboard Class D Power And Dsp
- Maintains Vertical Control To 240 Hz
- Available In Two Standard Colors Black [Blk], White [Wht], Or Custom Color [Cst]

Applications

- Large Format Video Walls
- Houses Of Worship
- Presentation & Training Spaces
- Auditoriums
- Sporting Venues

Technical Specifications

DESCRIPTIVE DATA

System configuration	Bi-amped hybrid integration on a curvilinear Mid / High-frequency line array, and dipole low-frequency element.
Components & Loading	(8) propriatairy 3.5" mid-range, (8) ribbon high-frequency, and (2) 8" low-frequency drivers.
Input	Balanced line level, XLR.
Enclosure Type	Curvilinear array: sealed enclosure. Dipole LF: sealed enclosure.
Enclosure Material	Steel, aluminum, and multi-ply baltic birch.
Suspension	(2) 3/8-16 threaded points located one on each side @ center of mass, steel yoke included. Optional wall mount available.
Grille	Painted perforated steel.
Color	Standard colors are Black [BLK] or White [WHT], custom colors are also available [CST].

ACOUSTICAL DATE

Frequency Response	60 Hz-20 KHz ±3dB
Coverage	H120° x V50°
Long-term Output	119 dB
Peak Output	125 dB

AMPLIFICATION

Class D Power Amp	2 x 800 Watts RMS
AC Power	85VAC-265VAC, 50 or 60 Hz

PHYSICAL

	HLA-820V	HLA-820SXS
Height	53.00" [1346 mm]	31.43" [798 mm]
Width	9.25" [235 mm]	16.25" [413 mm]
Depth	8.50" [216 mm]	8.50" [216 mm]
Net Weight	46 lbs. [46.4 kg]	
Shipping Weight	56 lbs. [52.7 kg]	

*HLA-850 is available in a passive bi-amped version by adding NP as a suffix to sku when ordering, requires factory DSP settings.

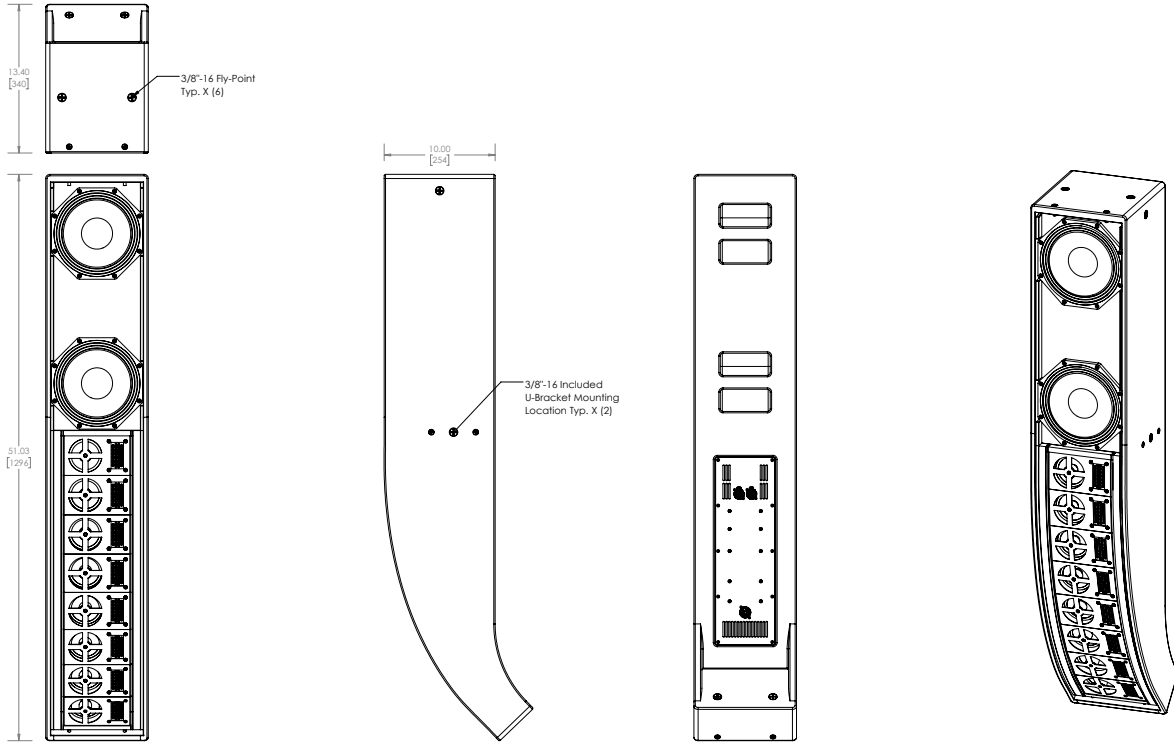
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Dimensional Drawings

HLA-835V



HLA-835SxS

