

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.

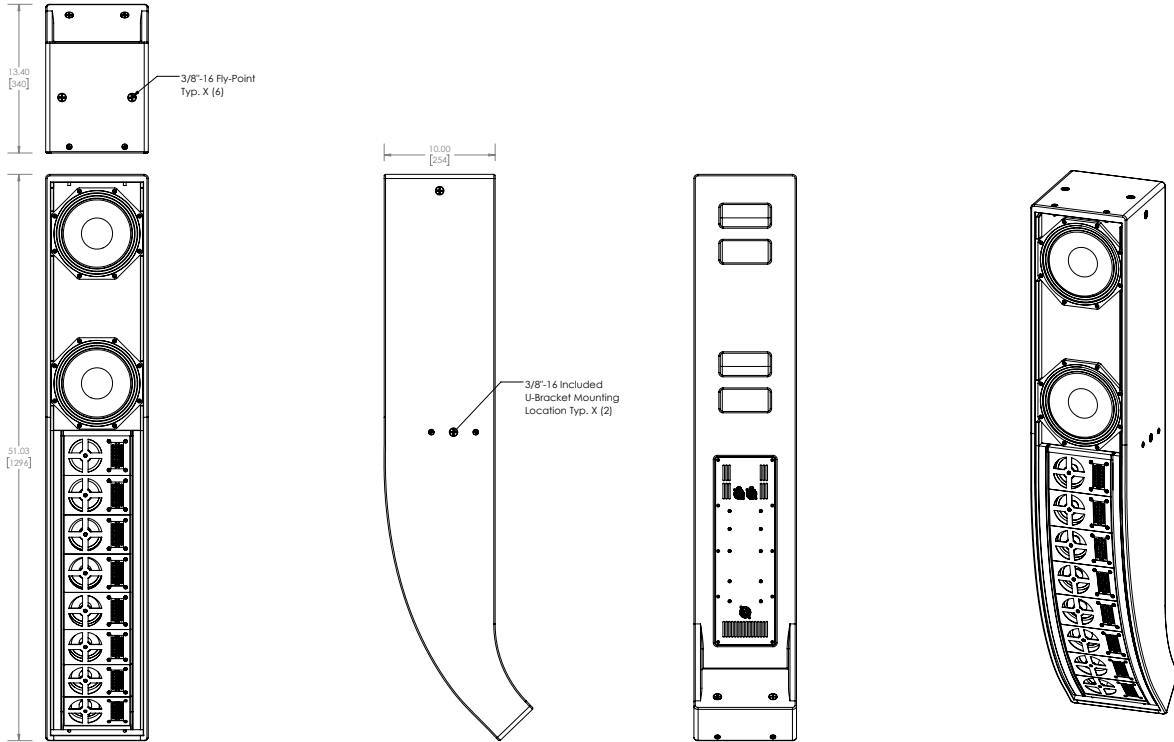
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Dimensional Drawings

HLA-835V



HLA-835SxS

