SLA-4.1 (90x35)

Frequency Shaded Line Array Series

innovox

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OF TRUE ENGAGEMENT

True Engagement in Challenging Acoustics

DESCRIPTION

The **SLA-4.1 (90x35)** is a compact Frequency Shaded Line Array loudspeaker optimized for 90° H x 35° V coverage. It employs a high output ribbon driver on an HF Wave Guide, and four 4" LF drivers within a slim profile enclosure. It is designed to work in highly reverberant environments where a uniform horizontal coverage and a focused 35° vertical pattern are beneficial.

A sophisticated filter circuit sequentially integrates drivers in the array to maintain vertical pattern control to 900 Hz and ensures a smooth transition from line-source to point-source behavior at lower frequencies. The result is very flat response and uniform pattern control, yielding superior speech clarity and musical detail.

KEY FEATURES

- 120° H x 35° V Coverage
- Maintains 35° Vertical Pattern to 900Hz
- Low Profile (only 3.4" deep)
- Optimized for Speech

APPLICATIONS

- Churches
- Classrooms
- Lecture Halls
- Flown Fill Speaker

DESCRIPTIVE DATA

System Configuration:	Compact frequency-shaded line array
Components & Loading:	(4) 4" LF drivers; (1) ribbon HF driver on a 90° x 35° waveguide
Recommended High-Pass:	4th order Butterworth @ 100 Hz
Enclosure Type:	Sealed enclosure, low profile column
Enclosure Material:	Steel, with composite endcaps
Finish:	Black or White standard (custom colors available)
Connectors:	NL-4 & dual binding-head screws
Suspension Hardware:	(10) 1/4-20 threaded points on back and endcaps – OmniMount 25.0 series compatible (slotted yoke bracket included)
Grille:	Painted perforated steel

NOMINAL DATA

Frequency Response:	120 – 20,000 Hz ±3 dB
Sensitivity:	94 dB @ 2.83 volts / 1M
Nominal Impedance:	16 Ω (70-volt available)
Power Handling:	175 W long term (AES-2)
Maximum Long-Term Output:	116 dB
Peak Output:	122 dB
Nominal Coverage Angles:	90° H x 35° V
Dimensions Height:	25.62" / 651 mm
Width:	5.62" / 143 mm
Depth:	3.38" / 86 mm
Net Weight:	15 lbs / 6.8 kg
Shipping Weight:	18 lbs / 8.2 kg

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DIMENSIONAL DRAWINGS