

SLA-4.1 tilt



EXPERIENCE THE SOUND
OF TRUE ENGAGEMENT

Frequency Shaded Line Array Series True Sound Engagement in Challenging Acoustics

DESCRIPTION

The **SLA-4.1 tilt** is a high output Frequency Shaded Line Array loudspeaker employing a ribbon HF driver and four 4" LF drivers within a very slim profile enclosure. It is designed to work in highly reverberant environments where its broad 120° horizontal coverage and focused 25° vertical pattern are beneficial.

The **SLA-4.1 tilt**'s unique construction positions the HF driver with a 10° downward tilt, which is optimal for flat on-wall mounting of the loudspeaker above ear level.

A proprietary filter circuit tilts the LF acoustic center down 10° to match the HF driver, while sequentially integrating drivers in the array to maintain pattern control to 900 Hz. This 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

- 10° down-angle for flat wall mounting
- Maintains 25° Vertical Pattern to 900Hz
- Low Profile (only 3.4" deep)
- Optimized for Speech

APPLICATIONS

- Churches
- Classrooms
- Lecture Halls
- Presentation spaces

DESCRIPTIVE DATA

System Configuration:	Compact frequency-shaded line array
Components & Loading:	(4) 4" LF drivers; (1) ribbon HF driver
Recommended High-Pass:	4 th order Butterworth @ 100 Hz
Enclosure Type:	Sealed enclosure
Enclosure Material:	Steel, with composite endcaps
Finish:	Black or White standard (custom colors available)
Connectors:	NL-4 & dual binding-head screws
Suspension Hardware:	(8) 1/4-20 threaded points on back and endcaps – OmniMount 25.0 series compatible (slotted yoke bracket included)
Grille:	Integral, fabric wrapped

NOMINAL DATA

Frequency Response:	120 – 20,000 Hz ±3 dB
Sensitivity:	95 dB @ 2.83 volts / 1M
Nominal Impedance:	4 Ω (70-volt available)
Power Handling:	175 W long term (AES-2)
Maximum Long-Term Output: Peak Output:	116 dB 122 dB
Nominal Coverage Angles:	120° H x 25° V with 10° down angle
Dimensions	Height: 30.00" / 762 mm Width: 4.63" / 118 mm Depth: 3.38" / 86 mm
Net Weight:	12 lbs / 5.5 kg
Shipping Weight:	15 lbs / 6.8 kg

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DIMENSIONAL DRAWINGS

