

SLA-4.1 Tilt

Frequency Shaded Line Array Series



True Sound Engagement in Challenging Acoustics

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



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

- Houses of Worship
- Classrooms
- Lecture Halls
- Presentation Spaces
- Articulation Fill in Larger Systems

Technical Specifications

DESCRIPTIVE DATA

System configuration	Compact Frequency Shaded Line Array
Components & Loading	(4) 4" LF drivers; (1) ribbon HF driver
Recommended High-Pass	4th order Butterworth @ 100 Hz
Nominal Impedance	4 Ω (70-volt transformer available)
Input Connectors	NL4, Dual Binding Head Screws
Enclosure Material	Steel chassis, with composite endcaps
Enclosure Type	Sealed enclosure, low profile column
Finish	Black or white standard (custom colors available)
Grille	Perforated steel
Suspension Hardware	(8) 1/4-20 threaded points on back and endcaps - OmniMount 25.0 series compatible (slotted yoke bracket included)

ACOUSTICAL DATA

Frequency Response	120 Hz--20 KHz ±3dB
Sensitivity	95 dB @ 2.83 volts / 1M
Power Handling	175 W long term program (AES-2)
Nominal Coverage	120° H x 25° V with 10° down angle
Maximum Long-term Output	116 dB @ 1 meter
Peak Output	122 dB @ 1 meter

PHYSICAL

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



4.56
[115.89]

3.37
[85.66]

