

SLA-10.1

Frequency Shaded Line Array Series



Face to Face Clarity in Challenging Acoustics

The **SLA-10.1** is a high output Frequency Shaded Line Array loudspeaker employing a ribbon HF driver and ten 4" LF drivers within a 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.

A sophisticated filter circuit sequentially integrates drivers in the array to maintain pattern control to 375 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 25° V Coverage
- Maintains 25° Vertical Pattern to 325 Hz
- 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	(10) 4" LF drivers; (1) ribbon HF driver
Recommended High-Pass	4th order Butterworth @ 100 Hz
Nominal Impedance	8 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	Integral, fabric wrapped
Suspension Hardware	(10) 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	250 W long term program (AES-2)
Nominal Coverage	120° H x 25° V
Maximum Long-term Output	117 dB @ 1 meter
Peak Output	123 dB @ 1 meter

PHYSICAL

Height	54.62" / 1387 mm
Width	5.62" / 143 mm
Depth	3.38" / 86 mm
Net Weight	31 lbs. / 14.1 kg
Shipping Weight	35 lbs. / 15.9 kg

SLA-10.1

Frequency Shaded Line Array Series



Dimensional Drawings



5.63
[142.88]

3.40
[86.36]

