

# SLA-Micro

Frequency Shaded Line Array Series



## True Sound Engagement in Challenging Acoustics

The **SLA-Micro** is a compact Frequency Shaded Line Array Loudspeaker employing an Air-Motion-Transformer (AMT) in conjunction with six 2.5" extended range drivers, all within an ultra-slim enclosure. It is designed to work in highly reverberant environments where very broad, uniform horizontal coverage and a focused vertical pattern are beneficial. A sophisticated

filter circuit sequentially integrates drivers in the array to maintain pattern control to 650 Hz and ensures a smooth transition from line-source to point-source behavior at lower frequencies. The result is very flat frequency response and uniform pattern control, yielding superior speech clarity and musical detail.



### Key Features

- *Maintains 50° Pattern Control to 650 Hz*
- *Ultra-slim Profile: 3.25" Wide and Only 2.25" Deep*
- *Frequency Shading Optimizes Pattern uniformity*
- *Effective Projection Beyond 50 Feet*

### Applications

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

## Technical Specifications

### DESCRIPTIVE DATA

System configuration	Compact Frequency Shaded Line Array
Components & Loading	(6) 2.5" LF drivers; (1) AMT HF driver
Nominal Impedance	8 $\Omega$ (70-volt transformer available)
Recommended High-Pass	4th order Butterworth @ 200Hz
Input Connectors	2 position Phoenix
Enclosure Material	Steel chassis, with aluminum endcaps
Enclosure Type	Sealed enclosure, low profile
Finish	Black or white standard (custom colors available)
Grille	Perforated steel
Suspension Hardware	slotted yoke bracket included

### ACOUSTICAL DATA

Frequency Response	160 Hz -20 KHz $\pm$ 3dB
Sensitivity	91 dB @ 2.83 volts / 1M
Power Handling	175 W long term program (AES-2)
Nominal Coverage	120° H x 50° V
Maximum Long-term Output	175 dB @ 1 meter
Peak Output	112 dB @ 1 meter

### PHYSICAL

Height	39.25" / 997 mm
Width	3.25" / 82.5 mm
Depth	2.25" / 57.1 mm
Net Weight	9.3 lbs. / 4.2 kg
Shipping Weight	11.5 lbs. / 5.2 kg

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## Dimensional Drawings

