



AMERICAN LOUDSPEAKER INNOVATION

SLA Series –

SLA-Micro

Frequency Shaded Line Array

DESCRIPTION

The **SLA-Micro** is a Frequency Shaded Line Array loudspeaker employing a high frequency array of four 20mm drivers, in conjunction with eight 2" 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 response and uniform pattern control, yielding superior speech clarity and musical detail.

KEY FEATURES:

- maintains 25° pattern control to 650 Hz
- ultra-low profile: 2.7 inches wide and only 2.1 inches deep
- Frequency Shading optimizes pattern uniformity
- effective projection beyond 50 feet

APPLICATIONS:

- churches
- lecture halls
- presentation spaces



NOMINAL DATA

Frequency Response	200 – 20,000 Hz ± 3 dB
Sensitivity	91 dB @ 2.83V / 1M
Impedance	8Ω (70-volt available)
Power Handling	150 W long-term (AES-2)
Maximum Output	112 dB long-term, 118 dB peak
Nominal Coverage Angles	120° H x 25° V
Dimensions	height: 31.50 " / 800 mm width: 2.69 " / 68 mm depth: 2.09 " / 53 mm
Net Weight	9.3 lbs / 4.2 kg
Shipping Weight	11.5 lbs / 5.2 kg

DESCRIPTIVE DATA

System Configuration	Compact frequency-shaded line array
Components & Loading	(8) 2" LF drivers; (1) 4-element HF array
Recommended High-Pass	4 th order Butterworth @ 200 Hz
Enclosure Type	Sealed enclosure, low profile column
Enclosure Material	Steel with ABS endcaps
Finish	Black or White standard (custom colors available)
Connectors	NL4, dual binding head screws
Suspension Hardware	(6) ¼-20 threaded points on back and endcaps – (slotted yoke bracket included)
Grille	Perforated steel

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