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SLA Series –

SLA-10.1

formerly LA-1450

DESCRIPTION

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 very low profile 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 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:

- maintains 25° vertical pattern control to 375 Hz
- low profile: depth only 3.4"
- Frequency Shading optimizes pattern uniformity
- effective projection beyond 100 feet

APPLICATIONS:

- large churches
- performing arts centers
- transit centers
- lecture halls



NOMINAL DATA

Frequency Response	120 – 20,000 Hz, ± 3 dB
Sensitivity	95 dB @ 2.83V / 1M
Impedance	8Ω (70-volt available)
Power Handling	250 W long term (AES-2)
Maximum Output	117 dB long-term, 123 dB peak
Nominal Coverage Angles	120° H x 25° V
Dimensions	height: 54.62" / 1387 mm width: 5.62" / 143 mm depth: 3.38" / 86 mm
Net Weight	20.1 lbs / 9.1 kg
Shipping Weight	24.1 lbs / 10.9 kg

DESCRIPTIVE DATA

System Configuration	compact frequency-shaded line array
Components & Loading	(10) 4" woofers; (1) ribbon tweeter
Recommended High-Pass Filter	4 th order Butterworth @ 100 Hz
Enclosure Type	Sealed enclosure, low profile column
Enclosure Material	Steel, composite endcaps
Finish	Black or White standard (custom colors available)
Connectors	NL4 and dual binding head screws
Suspension Hardware	(10) ¼-20 threaded points on back and endcaps – OmniMount 30.0 series compatible (two slotted L-brackets included)
Grille	Integral, fabric wrapped

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