

Frequency Shaded Line Array

DESCRIPTION

The **SLA-6.1 slim** is a Frequency Shaded Line Array loudspeaker employing a ribbon HF driver and six 3.5" LF drivers within an ultra 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 below 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: depth only 2.1 inches, width 4.1 inches
- Frequency Shading optimizes pattern uniformity
- effective projection beyond 75 feet

APPLICATIONS:

- churches
- lecture halls
- presentation spaces



NOMINAL DATA

Frequency Response	120 – 20,000 Hz ± 3 dB
Sensitivity	92 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: 40.50 " / 1029 mm width: 4.10 " / 104 mm depth: 2.12 " / 54 mm
Net Weight	12.0 lbs / 5.5 kg
Shipping Weight	15.0 lbs / 6.8 kg

DESCRIPTIVE DATA

System Configuration	Compact frequency-shaded line array
Components & Loading	(6) 3.5 " LF driver; (1) HF ribbon
Recommended High-Pass	4 th order Butterworth @ 100 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 – OmniMount 25.0 series compatible (slotted yoke bracket included)
Grille	Integral, fabric wrapped