

## DESCRIPTION

The **SLA-4.1 tilt** is a high output Frequency Shaded Line Array loudspeaker employing a ribbon HF driver and four 4" LF drivers within a very low profile enclosure. Its construction positions the HF driver with a 10° downward tilt, which is optimal for flat on-wall mounting of the loudspeaker above ear level.

A proprietary filter circuit tilts the LF acoustic center down 10° to match the HF driver, while sequentially integrating drivers in the array to maintain pattern control below 1kHz. This 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 below 1 kHz
- compact, low profile cross section
- 10° down angle complements flat wall mounting
- Frequency Shading optimizes pattern uniformity
- effective projection beyond 50 feet

### APPLICATIONS:

- churches
- classrooms
- lecture halls
- presentation spaces



## NOMINAL DATA

|                         |   |
|-------------------------|---|
| Frequency Response      | 120 – 20,000 Hz, ± 3 dB   |
| Sensitivity             | 95 dB @ 2.83V / 1M  |
| Impedance               | 4 Ω (70-volt available)   |
| Power Handling          | 175 W long-term (AES-2)   |
| Maximum Output          | 116 dB long-term, 122 dB peak   |
| Nominal Coverage Angles | 120° H x 25° V with 10° down angle  |
| Dimensions              | height: 30.00 " / 762 mm<br>width: 4.63 " / 118 mm<br>depth: 3.38 " / 86 mm |
| Net Weight              | 10.4 lbs / 4.7 kg   |
| Shipping Weight         | 13.0 lbs / 5.9 kg   |

## DESCRIPTIVE DATA

|                       |   |
|-----------------------|---|
| System Configuration  | Compact frequency-shaded line array   |
| Components & Loading  | (4) 4" LF; (1) ribbon HF  |
| Recommended High-Pass | 4 <sup>th</sup> order Butterworth @ 100 Hz  |
| Enclosure Type        | Sealed enclosure  |
| Enclosure Material    | Steel, with composite endcaps   |
| Finish                | Black or White standard, with custom colors available   |
| Connectors            | NL4 and dual binding head screws  |
| Suspension Hardware   | (6) ¼ -20 threaded points on back & endcaps; OmniMount 30.0 Series compatible (slotted yoke bracket included) |
| Grille                | Integral, fabric wrapped  |