

Uniform Line Array

DESCRIPTION

The **ULA-16.0** is a very slim profile (3" x 6" in cross section) low-frequency-only version of the ULA-16.16. The driver complement is sixteen 3.5" long-excursion LF drivers. It is designed to be used as a building block in conjunction with multiple ULA-16.16's in a biamped or triamped configuration. Use of the ULA-16.0 extends the low frequency limit of line array behavior for very long-throw applications.

The array is configured into two separately terminated sections, which allow for frequency shading by use of successive outboard low-pass filters.

KEY FEATURES:

- slim profile (3" x 6" in cross section)
- 120° H x 8° V coverage pattern
- can be stacked to form large long throw arrays
- line behavior to 460 Hz (single loudspeaker)
- projection up to 300 feet (multiple loudspeakers)

APPLICATIONS:

- very large churches
- performing arts centers
- theaters
- transit centers



NOMINAL DATA

Frequency Response	120 – 6.5 kHz, ± 3 dB
Sensitivity	94 dB @ 2.83 volts / 1M
Impedance	2 x 16 Ω
Power Handling	500 W long-term (AES-2)
Maximum Output	120 dB long-term 126 dB peak
Nominal Coverage Angles	120° H x 8° V
Dimensions	height: 58.63 " / 1489 mm width: 6.00 " / 152 mm depth: 3.00 " / 76 mm
Net Weight	25 lbs / 11.4 kg
Shipping Weight	31 lbs / 14.1 kg

DESCRIPTIVE DATA

System Configuration	Continuous LF line array
Components & Loading	(16) 3.5" long-excursion LF drivers
Recommended High-Pass Filter	4 th order Butterworth @ 100 Hz
Enclosure Type	Sealed enclosure
Enclosure Material	Steel with composite endcaps
Finish	Black or White (custom colors available)
Connectors	NL4 and 2 pair dual binding head screws
Suspension Hardware	(4) 1/4-20 points in rear corners; OmniMount 120.0 Series compatible
Grille	Integral fabric wrap around steel chassis