

DESCRIPTION

The **CLA-16** is an compact sixteen element J-array loudspeaker employing thirty-two 3.5" LF drivers and sixteen ribbon HF drivers. It has been preconfigured for an asymmetrical 40°V by 120°H coverage pattern with vertical directivity to 275 Hz. A single CLA-16 will provide voice range coverage of both the front row and seats as far as 100 feet away with exceptional clarity and detail.

The addition of an available DLF-210 dipole low frequency loudspeaker extends system vertical pattern control to 125 Hz and low frequency response to 50 Hz.

KEY FEATURES:

- asymmetrical 40° V x 120° H coverage
- vertical control to 275 Hz
- effective projection to 100 feet

APPLICATIONS:

- churches
- lecture halls
- presentation spaces
- performing arts centers



NOMINAL DATA

Frequency Response	120 Hz to 20kHz, ± 3 dB
Sensitivity	99 dB @ 2.83V / 1M
Impedance	8 Ω (70/100/140-volt available)
Power Handling	1000 W long-term (AES-2)
Maximum Output	121 dB long-term, 127 dB peak
Nominal Coverage	120° H x 40° V
Dimensions	height: 58.00 " / 1473 mm width: 12.00 " / 305 mm depth: 8.10 " / 206 mm
Net Weight	54 lbs / 24.5 kg
Shipping Weight	61 lbs / 27.7 kg

DESCRIPTIVE DATA

System Configuration	Curvilinear array
Components & Loading	32 x 3.5" LF 16 x 3" ribbon HF
Recommended High-Pass Filter	4 th order Butterworth @100 Hz
Enclosure Type	Sealed enclosure, curvilinear array
Enclosure Material	Steel & Baltic Birch w/ MDF side panels
Finish	White or Black (custom colors available)
Connectors	NL4, & dual binding head screws
Suspension Hardware	(2) 3/8-16 threaded points on each side; steel yoke included
Grille	Integral, fabric wrapped

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