

DESCRIPTION

The **CLA-1650** is a sixteen element J-array loudspeaker. It has sixteen 3.5" mid-frequency drivers and sixteen ribbon high frequency drivers. Designed as a "delay fill" loudspeaker for more steeply raked seating, it extends the effective projection of a main loudspeaker array, and it can also be used as a stand-alone voice range speaker.

The **CLA-1650** has been preconfigured in an asymmetrical 50°V by 120°H coverage pattern with vertical directivity to 300 Hz, and low frequency response to 100 Hz. A single CLA-1650 can provide voice range coverage of both the front row and seats as far as 100 feet away with exceptional clarity and detail. As a delay fill loudspeaker it can extend the projection of a main loudspeaker array to beyond 175 feet.

KEY FEATURES:

- asymmetrical 50° V x 120° H coverage
- vertical control to 300 Hz
- -3 dB low frequency response 100 Hz
- effective projection to 100 feet

APPLICATIONS:

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



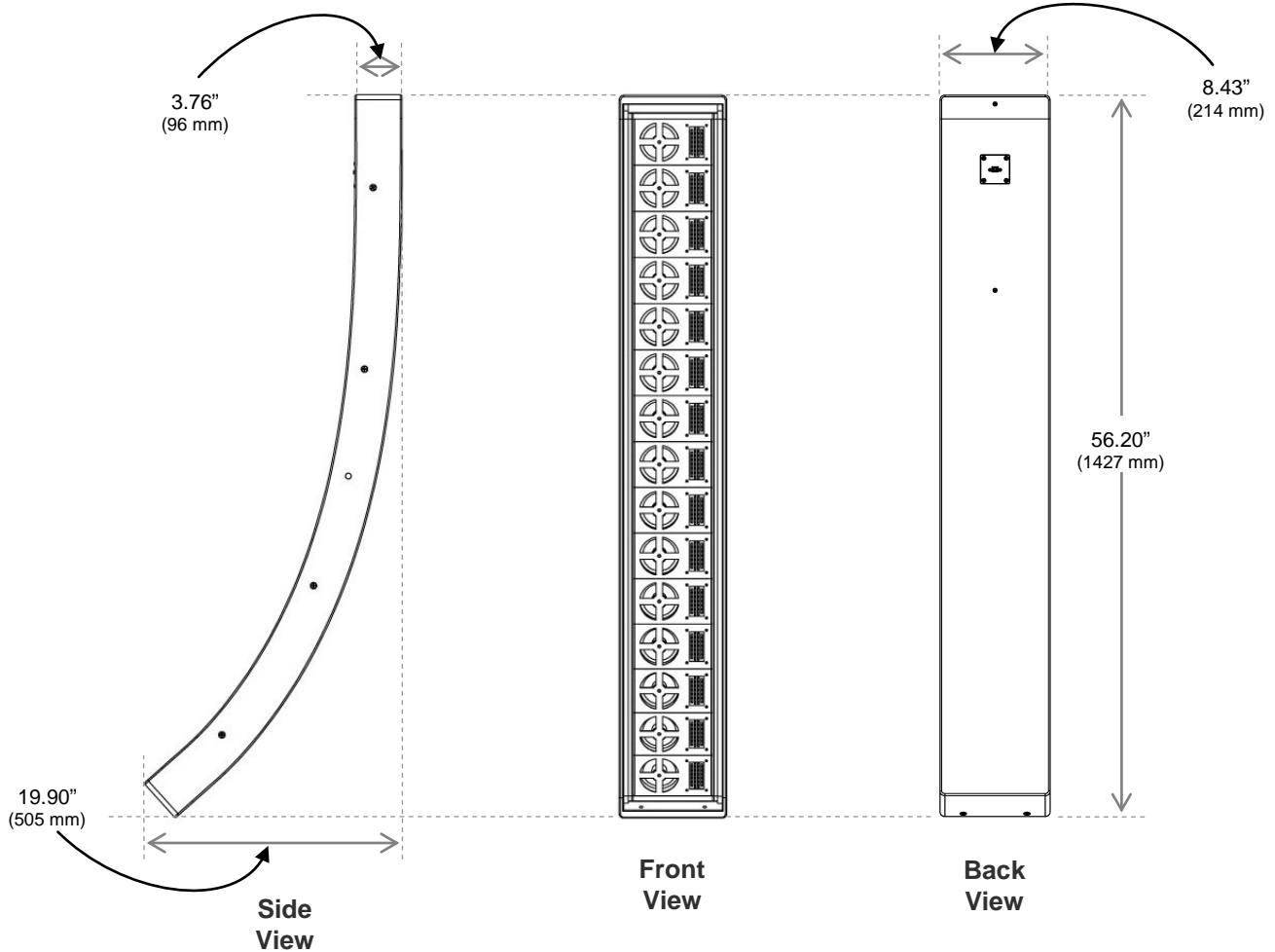
NOMINAL DATA

Frequency Response	100 Hz to 20k Hz, ± 3 dB
Sensitivity	98 dB @ 2.83V / 1M
Impedance	8Ω
Power Handling	1500 W long-term (AES-2)
Maximum Output	123 dB long-term, 129 dB peak
Nominal Coverage	120° H x 50° V
Dimensions	height: 56.20 " / 1427 mm width: 8.43 " / 214 mm depth: 3.76 " / 96 mm
Net Weight	31 lbs / 14.0 kg
Shipping Weight	42 lbs / 19.0 kg

DESCRIPTIVE DATA

System Configuration	curvilinear M/H line array
Components & Loading	16 x 3.5" MF 16 x 3" ribbon HF
High-Pass Filter (recommended minimum)	4 th order Butterworth @150 Hz
Enclosure Type	Curvilinear array: sealed enclosure
Enclosure Material	Steel, Aluminum & Baltic Birch Plywood
Finish	White or Black (custom colors available)
Connectors	2-pole Phoenix connector
Suspension Hardware	(2) 3/8-16 threaded points on each side; steel yoke included
Grille	Painted perforated steel

DIMENSIONAL DRAWINGS



INCLUDED HARDWARE

