FlexArray 2

Large Format Audio Solution

High Performance Audio for Video Walls

FlexArray 2 is our most powerful loudspeaker system designed to support video walls and large LED displays. They employ a combination of a curved line array with a 2-stage dipole low frequency steering module, and a sophisticated powered DSP by PowerSoft. This unique powered hybrid achieves the precise vertical control and uniform back of room coverage that is essential for high speech intelligibility in longer reverberant spaces. Each **FlexArray 2** system is dimension matched and factory configured for your project based on construction documents or contractor supplied field measurements in order to optimize its performance in your room. The FlexArray 2 modules are configurable based on the required coverage pattern and acoustical center of the speaker.

Key Features

- *Powersoft Power And DSP*
- *Two Stage Dipole LF Pattern Control*
- *Line Array Design For Effective Projection*
- *Superior Transient Response*

Applications

- *Sound For Large Video Walls*
- *Sound For Large Led Displays*

Technical Specifications

DESCRIPTIVE DATA

System configuration	Frequency-shaded line array with 2-stage Dipole LF
Components & Loading	(4) 3.5" MF drivers; (4) ribbon HF driver; (2) 8" and (2) 6.5" LF drivers
Input Connectors	Balanced inputs on Phoenix Connectors
Enclosure Material	Baltic Birch & Richlite
Enclosure Type	Low profile column
Finish	Black Richlite: custom paint finish available
Grille	Fabric wrapped grille
Suspension Options	Adjustable universal wall mount bracket

ACOUSTICAL DATA

Frequency Response	42 Hz--20 KHz **±3dB**
Nominal Pattern Control to	80 Hz
Nominal Coverage	120° H x 35° V
Total Managed Power	2400 Watts
Maximum Long-term Output	117 dB @ 1m
Peak Output	123 dB @ 1m

PHYSICAL

Minimum Height	80" / 2387.6 mm (with remote power)
Maximum Height	NA
Width	9.00" / 228.6 mm
Depth	6.00" / 152.4 mm
Net Weight/pair (varies with length)	110.0 lbs. / 50.0 kg
Shipping Weight/pair (varies with length)	160.0 lbs. / 72.7 kg

Dimensional Drawings