

FlexArray Compact

Hybrid Line Arrays™



Made-to-Measure for Video Walls & Monitors

FlexArray compact has been developed for large video monitors and smaller video walls. It employs a combination of the frequency shaded line array technology from our SLA family of loudspeakers, a compact 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 which is essential for high speech intelligibility in reverberant spaces.

The **FlexArray compact** features the latest “smart amplifier” technology from Powersoft. Their two-channel DSP amplifier module handles loudspeaker processing and dynamically apportions 700 watts of power to amplifier channels based on program demands. This active amplifier management yields an electrical efficiency of better than 90%.



Key Features

- Powersoft Onboard Power And Dsp
- Integrated Dipole Sub Bass
- Line Array Projection And Precise Vertical Control
- Superior Transient Response

Applications

- Sound For Large Video Monitors
- Audio To Compliment Digital Signage
- Sound For Smaller Video Walls
- Audio For High End Video Displays

Technical Specifications

DESCRIPTIVE DATA

System configuration	Frequency-shaded line array with Dipole LF
Components & Loading	(4) 3.5" long-excursion MF drivers; (1) HF ribbon; (2) 5.25" LF drivers
Input Connectors	XLR with loop through
Enclosure Material	Baltic Birch & Steel
Enclosure Type	Low profile column & sealed dipole LF
Grille	Perforated metal grille
Suspension	#1 - Adjustable bracket for direct mount to display #2 - Wall-mount

ACOUSTICAL DATA

Frequency Response	50 Hz–20 KHz ±3dB
Total Managed Power	700 Watts
Coverage	120° H x 90° V
Maximum Long Term Output	111 dB @ 1 m
Peak Output	117 dB @ 1m
Nominal Pattern Control to	700 Hz

PHYSICAL

Minimum Length	55.0" / 1397 mm
Maximum Length	80.00" / 2032 mm
Height	(custom)
Width	5.75" / 146 mm
Depth	5.5" / 140 mm
Net Weight/pair (varies with length)	30.0 lbs / 13.6 kg
Shipping Weight/pair (varies with length)	35.0 lbs / 15.9 kg

Dimensional Drawings

