**DESCRIPTION**

The *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 speaker 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%.

The thin profile of *FlexArray compact* loudspeakers makes it very easy to link the apparent audio source with the image on its display. Precise articulate sound is projected from loudspeakers which recede into the shadow of the video display.

**NOMINAL DATA**

- Frequency Response: 50 – 20,000 Hz ± 3 dB
- Total Managed Power: 700 Watts
- Nominal Coverage Angles: 120° H x 25° V
- Nominal Pattern Control to: 700 Hz
- Minimum Loudspeaker Height: 44.00” or larger
- Maximum Long-Term Output: 114 dB Peak Output
- Dimensions: height (custom), width 5.75” / 146 mm, depth 5.50” / 140 mm
- Approximate Net Weight: 30.0 lbs / 13.6 kg
- Approximate Shipping Weight: 35.0 lbs / 15.9 kg

**DESCRIMENTIVE DATA**

- System Configuration: Frequency-shaded line array with Dipole LF
- Components & Loading: (4 ) 3.5 " LF drivers; (1) HF ribbon (2) 5.25” LF Drivers
- Enclosure Type: low profile column and sealed dipole LF
- Enclosure Material: Baltic Birch and Steel
- Connectors: XLR with loop through
- Suspension Options: #1 – Adjustable bracket for direct mount to display #2 – Wall-mount
- Grille: Perforated metal grille

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innovoxaudio.com
MADE IN THE U.S.A.
DIMENSIONAL DRAWINGS

Minimum height: 44.00 in (1118 mm)

Top View

5.50 in (140 mm)

Side View

5.50 in (140 mm)

Front View

5.75 in (146 mm)

Back View

5.75 in (146 mm)

AMERICAN LOUDSPEAKER INNOVATION

FlexArray compact