

DLF-214

Dipole Low Frequency Series



EXPERIENCE THE SOUND
OF TRUE ENGAGEMENT

An Octave of Extended Low-Frequency Control

DESCRIPTION

The **DLF-214** is a Dipole Low Frequency Array which borrows techniques originally developed for directional radio transmitting antennas. It employs two 14" high-output LF drivers oriented with a vertical spacing which defines an octave wide band from 165 Hz to 325 Hz. Below this band, the system operates as a standard sub-woofer.

Each driver is terminated separately, allowing them to be individually powered and delayed for upward or downward steering of the vertical coverage pattern.

The **DLF-214** provides compact directivity-controlled low frequency extension for the ribbon-based CLA Curvilinear Line Array Series loudspeakers. In combination, they deliver high impact full-range program.



KEY FEATURES

- 120° H x 60° V Coverage
- Dipole bandwidth 150 to 325Hz
- Individual Circuits allow for upward or downward steering

APPLICATIONS

- Churches
- Presentation Spaces
- Performing Arts Centers

DESCRIPTIVE DATA

System Configuration:	One stage of dipole low frequency control
Components & Loading:	(2) 14" LF drivers in isolated enclosures
Recommended High-Pass Filter:	LF - 4 th order Butterworth @ 40 Hz
Input Connectors:	(1) 4-pole phoenix
Enclosure Type:	Maximally flat (.7 Q) sealed
Enclosure Material:	Hardwood multi-ply plywood
Finish:	Black or White standard (custom colors available)
Suspension Hardware:	(10) 3/8-16 threaded mounting points located on enclosure top & bottom (steel yoke included)
Grille:	Painted perforated steel

NOMINAL DATA

Frequency Response:	50 – 325 Hz ± 3 dB
Impedance:	(2) x 8 Ω
Power Handling:	1500 W long-term (AES-2)
Maximum Long-Term Output:	123 dB @ 1M
Peak Output:	129 dB @ 1M
Nominal Coverage Angles:	60° V x 120° H
Dimensions	Height: 43.25" / 1099 mm
	Width: 15.88" / 403 mm
	Depth: 8.00" / 203 mm
Net Weight:	42 lbs / 19.1 kg
Shipping Weight:	51 lbs / 23.2 kg

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DIMENSIONAL DRAWINGS

