DLF-406

Dipole Low Frequency Series

innovox

EXPERIENCE THE SOUND OF TRUE ENGAGEMENT

Steerable Mid-Bass

DESCRIPTION

The **DLF-406** is a compact dipole loudspeaker designed to augment the mid-bass performance of CLA Series line arrays in a biamplified or triamplified configuration.

It features four 6.5” drivers in separate sealed enclosures spaced to take advantage of the dipole cancellation effect in the 150 Hz to 325 Hz frequency range. Below this range, the loudspeaker behaves as a conventional low-frequency system. Its dipole behavior extends the vertical pattern control of CLA Series line array loudspeakers more than an octave and allows for increased system SPL.

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

KEY FEATURES

- Dipole band 150 Hz to 325Hz
- Dipole Diver Spacing
- Individual Circuits allow for upward or downward steering
- Very Slim Profile

APPLICATIONS

- Churches
- Lecture Halls
- Presentation Spaces
- Auditoriums

DESCRIPTIVE DATA

System Configuration:	Dipole low frequency
Components & Loading:	(4) 6.5” LF drivers
Recommended High-Pass Filter:	4th order Butterworth @ 80 Hz
Input Connectors:	(2) 2-pole Phoenix
Enclosure Type:	Sealed, maximally flat
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:	80 – 325 Hz ±3 dB
Impedance:	(2) x 4 Ω
Power Handling:	700 W long-term (AES-2)
Maximum Long-Term Output: Peak Output:	114 dB @ 1M 120 dB @ 1M
Nominal Coverage Angles:	60° V x 120° H
Dimensions Height: Width: Depth:	40.00” / 1016 mm 14.13” / 359 mm 4.11” / 104 mm
Net Weight:	42 lbs / 19.1 kg
Shipping Weight:	51 lbs / 23.2 kg

DLF-406

Dipole Low Frequency Series

innovox

EXPERIENCE THE SOUND OF TRUE ENGAGEMENT

DIMENSIONAL DRAWINGS