



innovoxaudio.com

DLF Series – DLF-210

DESCRIPTION

The **DLF-210** is a compact low frequency loudspeaker designed to augment the low frequency performance of the CLA, SLA, and ULA Series line arrays in a bi-amplified or tri-amplified configuration.

It features two 10" LF drivers in separate reflex enclosures spaced to take advantage of the dipole cancellation effect in the 125Hz to 300 Hz frequency range. Below this range, the loudspeaker behaves as a conventional LF system. Its dipole behavior extends the vertical pattern control of the CLA, SLA and ULA Series Line Array loudspeakers more than an octave, and allows for increased system SPL.

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

KEY FEATURES:

- dipole operation in 125 to 300 Hz band
- extends LF response of CLA, SLA & ULA arrays to 50 Hz
- configured for steering of vertical coverage pattern

APPLICATIONS:

- churches
- auditoriums
- performing arts centers



NOMINAL DATA

Frequency Response	50 - 650 Hz, \pm 3 dB
Sensitivity	98 dB @ 2.83V / 1M
Power Handling	900 W long term (AES-2)
Maximum Output	126 dB long term; 132 dB peak
Nominal Coverage	150° H x 60° V (in effective dipole band)
Dimensions	height: 42.00" / 1067 mm width: 12.00" / 305 mm depth: 10.25" / 260 mm
Net Weight	71 lbs / 32.2 kg
Shipping Weight	77 lbs / 35.0 kg

DESCRIPTIVE DATA

System Configuration	LF dipole
Components & Loading	2 x 10" LF drivers in individual bass reflex enclosures
Recommended High-Pass Filter	Butterworth 24 dB / octave @ 40 Hz
Enclosure Type	Optimally tuned, vented
Enclosure Material	Hardwood multi-ply
Finish	Black or White standard (custom colors available)
Connectors	NL4, and 2 pair dual binding head screws
Suspension Hardware	(10) 3/8-16 threaded points on sides, top & bottom; steel yoke included
Grille	Fabric-wrapped perforated steel grille

West Coast Office

1155-C Arnold Drive, #231
Martinez CA 94553
ph: **925 372-8156**

email: orders@innovoxaudio.com

Central Office

296 North Pascal Street
Saint Paul MN 55104
ph: **612 379-0100**

email: sales@innovoxaudio.com

innovoxaudio.com