

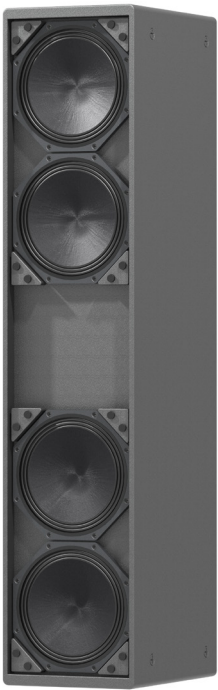
Steerable Cardioid Mid-Bass

The **DLFC-608** is a dipole, cardioid lsub bass loudspeaker designed to augment the mid-bass performance of *CLA Series Line Arrays*, cardioid sub-bass loudspeaker. It extends system low frequency response, projection and directional control to 38 Hz.

It features six 8" 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 is terminated separately, allowing them to be individually powered and delayed for upward or downward steering of the vertical coverage pattern.



Key Features

- 150 Hz to 325Hz ± 3dB Power Bandwidth
- Cardioid Pattern Control to 38Hz
- Dipole Diver Spacing

Applications

- Houses of Worship
- Lecture Halls
- Classrooms
- Presentation Spaces

Technical Specifications

DESCRIPTIVE DATA	
System configuration	Dipole low frequency
Components & Loading	(3) 8" LF drivers
Recommended High-Pass	4th order Butterworth @ 80 Hz
Nominal Impedance	(2) x 4 Ω
Input Connectors	(2) 2-pole Phoenix
Enclosure Material	Hardwood multi-ply plywood
Enclosure Type	Sealed, maximally flat
Finish	Black or white standard (custom colors available)
Grille	Painted, perforated steel
Suspension Hardware	(10) 3/8-16 threaded mounting points located on enclosure top & bottom (steel yoke included)

ACOUSTICAL DATA	
Frequency Response	80 Hz–325 Hz ±3dB
Power Handling	700 W long term program (AES-2)
Nominal Coverage	60° V x 120° H
Maximum Long-term Output	114 dB
Peak Output	120 dB

PHYSICAL	
Height	40.00" / 1016 mm
Width	14.13" / 359 mm
Depth	4.11" / 104 mm
Net Weight	42 lbs. / 191 kg
Shipping Weight	51 lbs. / 23.2 kg

Dimensional Drawings

