

SPECTRA – i.Net®

PRODUCT SHEET & SPECIFICATIONS

CHICAGO SPEAKER ENCLOSURE (MODEL G545-C/G585-C)



The speaker enclosure has an integrated air/water resistant junction box to house cables. Specify this unit for the city of Chicago or where this type of junction box enclosure is required by code.

FUNCTION

The Spectra i.Net™ system is the most sophisticated masking system available when a network system is required. The combined innovation of the complete sound masking system - sound source, speakers, power supply, i.LON®, music page interface, equalizers, online Sound Manager control and one-touch remote control put the Spectra i.Net™ system on a new level of customization and performance.

The system features fast, complete control over every sound frequency for masking. Extreme design flexibility, plus, easy system expansion with the addition of sound sources and speakers to the network. Sound control with the click of the remote or mouse, even off-site. Preferred, award-winning sound quality, only from Lencore's Systems.

The masking system can be uniquely adjusted to suit a variety of standard and non-standard ceiling conditions by making adjustments to the amplitude and spectra shape. In addition, the system has the adjustment capability to provide the most unobtrusive sound while obtaining the maximum speech privacy. The spectrum shape adjustment ranges from 1dB at 125 Hz to 20 dB at 8,000 Hz (typical).

Model

G545-C
G585-C

STANDARD SPEAKER ENCLOSURE

– SPEAKER ENCLOSURE

- + Aluminum Housing
- + Metal screen with Perforated Grill
- + Lightweight Mounting Chain
- + Integrated Junction Box

– SPEAKER MODEL DIMENSIONS

G545-C

- Height – 6"
- Diameter – 6"
- Weight – 4lbs

G585-C

- Height – 4"
- Diameter – 6"
- Weight – 4lbs

– LOUDSPEAKER

- + 5-inch - wide dispersion
- + Power Rating – 10 watts RMS
- + Frequency Response – 50 – 12,000 Hz
- + Impedance – 32 Ohms
- + Resonance – 80 Hz
- + Magnet Weight – 10 oz
- + Magnet Structure Weight – 26 oz
- + Cone – Formed Fiber
- + Cone Suspension – High Compliance Foam
- + Voice Coil – 1-inch diameter
- + Voice Coil Form – Anodized Aluminum

– PAGING INPUT

- + Via OP and MPI

– POWER REQUIREMENT

- + Powered by OP

– OUTPUT ADJUSTMENT

- + N/A

– WIRE REQUIREMENTS

- + All wire must be plenum rated and UL listed
- + Speakers use Cat 5e or equivalent, 4 twisted pair and RJ45 connectors
- + Straight cable – Pin 1 to Pin 1, Pin 2 to Pin 2, etc

– OTHER SYSTEM WIRE REQUIREMENTS

- + 16 gauge, plenum rated, stranded, 2-conductor wire
(for power supply to OP)

– AGENCY LISTINGS

- + UL 2043: Approved for use in air handling spaces. US and Canada.
- + UL 6500 or ANSI/UL 60065: Approved for use as audio/video equipment. US & Canada.
- + UL 1480: Approved for use as speakers for use in fire alarm, emergency, and commercial and professional use. US and Canada.

IN-PLENUM AND DIRECT FIELD

ALL AVAILABLE WITH PAGING/AUDIO

OTHER SYSTEMS ALSO AVAILABLE

Spectra iNet™ (Networked), Spectra®