

SPECTRA – i.Net®

PRODUCT SHEET & SPECIFICATIONS

INVERTED SPEAKER ENCLOSURE (MODEL G545-INV/ G585-INV)



FUNCTION

The Spectra i.Net® speakers enable the masking to be distributed uniformly throughout the space. Typically hung above the ceiling tiles, the speakers fill the plenum with sound that gently filters into the environment below to create speech privacy. Spectra i.Net® speakers are perfectly matched for the OP to ensure the highest quality of sound masking.

Speakers used in the Spectra i.Net® system are configured with integrated RJ45 connections for plug and play and ease of installation. The speakers feature an aluminum housing, 5-inch wide dispersion and weigh approximately three pounds each.

There are two speaker models available (6" & 4") to accommodate various plenum depths. Speakers distribute sound masking, paging and/or music.

Speakers are UL Listed for use in air handling spaces.

Model

G545-INV G585-INV

STANDARD SPEAKER ENCLOSURE

– SPEAKER ENCLOSURE

- + Aluminum Housing
- + Galvanized Perforated Grill
- + Lightweight Tripod styled Mounting Chain
- + Two speaker models available – 6" & 4"

– SPEAKER MODEL DIMENSIONS

G545-INV

- Height – 6"
- Diameter – 6"
- Weight – 3lbs

G585-INV

- Height – 4"
- Diameter – 6"
- Weight – 3lbs

– LOUDSPEAKER

- + 5-inch - wide dispersion
- + Power Rating – 10 watts RMS
- + Frequency Response – 50 – 12,000 Hz
- + Impedance – 32 Ohms
- + Resonance – 82 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.

MASKING/PAGING UNITS ARE UL LISTED FOR USE IN AIR HANDLING SPACES