

SPEAKER

PRODUCT SHEET & SPECIFICATIONS SPECTRA i.NET® SPEAKERS

SPEAKER ENCLOSURES



Note: The speakers above are shown painted. Standard speakers come in an aluminum finish. Custom painting is available at an upcharge.

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, paging and audio.

Speakers used in the Spectra i.Net® systems 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.

Note: A variety of assembly options are available for these speakers; please refer to the 3rd page of this data sheet for options.

SPEAKER

Model

G545
G585
G165

SPECTRA i.NET® SPEAKERS

– SPEAKER ENCLOSURE

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

– SPEAKER MODEL DIMENSIONS

G545/G165

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

G585/G150

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

G545-C / G545-HB

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

G585-C / G585-HB

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

– LOUDSPEAKER

- + 5-inch - wide dispersion
- + Power Rating – 10 watts
- + Frequency Response – 60 – 13,000 Hz
- + Impedance – 32 Ohms
- + Resonance – 85 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

- + Optional Inline (0 to -12dB)

– 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.

– 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.

OPTIONAL PAINT COLORS AVAILABLE

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HOW TO SPECIFY A MODEL #:

I	II	III	IV	V	VI
Lid Type	Specify Unit Height	Jack Chain or Airplane Wire	Specify Hanging Style (Not available on desktop units)	Specify Color	Specify Wire Box If local code dictates
Leave blank for standard lid	G545 (6")		Leave blank for standard hanging method		Leave blank for power wires with no box
LG035 (ceiling plate)	G585 (4")		TRI for tripod hanging or 3-notch chain configuration		HB - Handy Box Unit (ex. St. Louis, Miami, etc.)
	G165 (6")	AW for airplane wire	INV for inverted 3-notch chain		C - Air Tight Electrical Box Unit (ex. Chicago, etc.)
	G150 (4")	AW for airplane wire	INV1CHAIN for inverted single jack chain	W - White	
			SSL/SST for L/T-Mounting bracket	B - Black	

Example #1

G545-TRIHB - 6" Unit with Tripod Lid and Handy Box

Lid Type	Specify Unit Height	Jack Chain or Airplane Wire	Specify Hanging Style	Specify Power Wires Covered
	G545		TRI	HB

Example #2

G165AW - 6" Unit with Airplane Wire

Lid Type	Specify Unit Height	Jack Chain or Airplane Wire	Specify Hanging Style	Specify Power Wires Covered
	G165	AW		



HB - Handy Box
(St. Louis, Miami, etc.)



C - Air Tight Electrical Box
(Chicago, etc.)



TRI - Tripod



INV1CHAIN - Inverted Single Chain



AW - Airplane Wire



LG035 - Ceiling Plate



SSL - L-Bracket SST - T-Bracket