

SPECTRA – i.Net®

PRODUCT SHEET & SPECIFICATIONS

INLINE SPEAKER ENCLOSURE WITH VOLUME CONTROL (MODEL G546/G586)



Note: The speakers above are shown painted. Standard speakers come in an aluminum finish. Picture below shows volume control which is located on the bottom of the speaker. Custom painting is available at an upcharge.

FUNCTION

The Spectra i.Net® speakers enable the masking/paging 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 can be controlled via the system's networked user interface. The inline speaker option also provides an additional volume control with a remote attenuator. 0 to -12 dB adjustments can be made from the remote.

Speakers used in the Spectra i.Net® system are configured with integrated RJ45 connections for plug and play and ease of installation and tuning. The speakers feature an aluminum housing, 160° - 180° 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

G546
G586

REMOTE INLINE SPEAKER ENCLOSURE

WITH VOLUME CONTROL

– SPEAKER ENCLOSURE

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

– SPEAKER MODEL DIMENSIONS

G546

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

G586

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

– LOUDSPEAKER

- + 160° - 180° wide dispersion
- + Power Rating – 10 watts RMS
- + 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

- + 0 to -12 dB

– 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)

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