

# SPECTRA – i.Net®

## PRODUCT SHEET & SPECIFICATIONS

# DIRECT FIRED SPEAKER ENCLOSURE (MODEL LG035-G19gsa LG035-G85gsa)



### FUNCTION

For spot treatments or when ceiling or site conditions (such as a gypsum ceiling) prevent the use of in-plenum speakers, direct fired speakers may be necessary.

The direct fired speakers have decorative speaker grills that blend seamlessly into your designs. The flush mounted speaker gently introduces the sound masking directly into the environment below.

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 four pounds each.

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

Changes to speaker settings can be made either at the OP by channel or at a wall location via hand held remote or through the system's user interface on-site, off-site or around the world.

Model

## LG035-G19gsa LG035-G85gsa

### DIRECT FIRED SPEAKER ENCLOSURE

#### – SPEAKER ENCLOSURE

- + Aluminum Housing
- + Grill Cover: Metal screen, white with perforated grill
- + Lightweight Mounting Chain
- + Two speaker models available – 6" & 4"

#### – SPEAKER MODEL DIMENSIONS

##### LG035-G19gsa

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

##### LG035-G85gsa

- 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, 3 twisted pair and RJ12 connectors
- + Crossover wire – Pin 1 to Pin 6, Pin 2 to Pin 5, etc

#### – OTHER SYSTEM WIRE REQUIREMENTS

- + 16 gauge, plenum rated, stranded, 2-conductor wire (for power supply to OP)
- + Cat 5e cable, 3 twisted pair, with standard RJ12 connectors  
3 twisted pair (audio cable and speaker cable)

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

#### OTHER SYSTEMS ALSO AVAILABLE

Spectra®, CrossNetOne™, CrosswaysOne™