

SPECTRA – i.Net®

PRODUCT SHEET & SPECIFICATIONS

STANDARD INVERTED SPEAKER ENCLOSURE (MODEL G19-INVgsa / G85-INVgsa)



Note: Inverted speakers face downwards to the masking environment. This typical arrangement is required for high ceilings, deep plenum or shallow plenum.

FUNCTION

The Spectra i.Net™ system is the most sophisticated masking system available when a network system is required. The combined innovations 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).

Speakers are configured with integrated RJ12 connections for plug & play and ease of installation.

Model

G19-INVgsa G85-INVgsa

STANDARD INVERTED SPEAKER ENCLOSURE

– SPEAKER ENCLOSURE

- + Aluminum Housing
- + Grill Cover: Galvanized perforated grill
- + **Lightweight Tripod styled Mounting Chain**
- + Two speaker models available – 6" & 4"

– SPEAKER MODEL DIMENSIONS

G19-INVgsa

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

G85-INVgsa

- 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 – 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™