

# Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

## LENCORE SPECTRA – i.NET™ SOUND MASKING SYSTEM

### Painted Unit Main Speaker Enclosure Specifications – Model G19/G85 – Painted

What makes Lencore's new Spectra i.Net™ system intelligent is its intuitive technology and its infinite flexibility on an open-platform system to suit any project size. 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 Spectra i.Net™ system is the most sophisticated masking system available when a network system is required. 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.

Speakers are configured with integrated RJ12 connections for plug & play and ease of installation. Speakers can be custom painted to blend with any environment.

## TECHNICAL SPECIFICATIONS

### Speaker Enclosure:

Aluminum Housing  
Galvanized Perforated Grill  
Lightweight Mounting Chain

Two speaker height available: 6" & 4"

Height:

6" G19 - Painted    4" G85 - Painted

Diameter:

6" G19 - Painted    6" G85 - Painted

Weight:

3 lbs. G19 - Painted    3 lbs. G85 - Painted

### 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

### General Specifications:

Paging Input: via OP and MPI  
Power Requirement: Powered by OP  
Output Adjustment: N/A

### Speaker 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 i.Net™ (Networked), Spectra®, CrossNetOne™ (Networked),  
CrosswaysOne™

In-plenum and direct field  
all available with paging/music.