

CROSSNET-ONE™ SOUND MASKING SYSTEM

Direct Fired Speaker Specifications

Model #LG035-G19/LG035-G85

When a networked direct fired speaker or system is required, the Lencore CrossNetOne™ system provides the highest level of sound quality and adjustability and offers the ability for network control. Through the system's managing software, zones can be created and modified for masking and paging. On-going changes and additions to zones can all be handled through the network interface without the need to rewire the system.

Random sound masking source, coupled with Lencore's E-Sound™ technology provide capabilities for:

- Attenuation Adjustments: 96 in ½ dB steps
- Contour Adjustments: 29 steps

Volume and contour adjustments can be made via the network simply and easily and uploaded to the system for immediate results. The system is also tunable by hand-held remote. Lencore is the only sound masking company that can offer both 3.5" and 6" speakers (height 6" and 4") that offer the widest dispersion and best sound quality for direct fired systems.



In certain applications and site conditions, a direct fired speaker may be necessary. Lencore provides this option with all of its sound masking systems.

TECHNICAL SPECIFICATIONS

Speaker Enclosure:

Speaker Body: Aluminum Housing
Grill Cover: Metal screen, white with perforated grill
Lightweight Mounting Chain

Two speaker height available: 6" & 4"

LG035-G19		LG035-G85
Height:	6"	4"
Closure Diameter:	6"	6"
Weight:	4 lbs.	4 lbs.

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

Masking/Paging Units are UL Listed
for use in air handling spaces

General Specifications:

Paging Input: via Platform-Net and MPI
Power Requirement: Powered by Platform-Net
Output Adjustment: N/A

Speaker Wire Requirements:

All wire must be plenum rated and UL listed.
Speakers use Cat 5e, 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 Platform-Net).

Cat 5e cable, 3 twisted pair, with standard RJ12 connectors.
3 twisted pair (audio cable and speaker cable)

Installation:

Assembly to fit into a 7" round hole, cut into ceiling tile or gypsum.
Four mounting locks spaced equidistant apart have secure screws for mounting.

Other Systems Also Available

Spectra i.Net™ (Networked); Spectra®, CrosswaysOne™

In-plenum and direct fired
all available with page/music.