

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

### Wire Specifications

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.

The Spectra i.Net™ Sound Masking System uses plenum rated, UL listed, standard cable and connectors to wire the system and speakers. Phone jack style connectors are integrated into each speaker and OP enabling the installer to simply "plug in" the connections saving installation time and ensuring a cleaner installation.

The typical run for the data wire from OP to OP should be 125 feet. The average wire length needed is 25 feet per speaker, for speaker to speaker runs and 25' from the OP to the first speaker on a channel.



## TECHNICAL SPECIFICATIONS

### Wire Specifications:

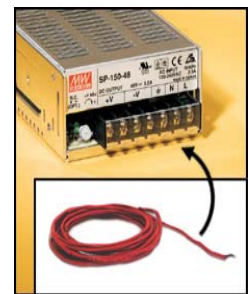
- All wire must be plenum rated!
- Cat 5e, 4 pair, twisted, 24 gauge, stranded – OP Wire (straight)
- Cat 5e, 3 pair, twisted, 24 gauge, stranded – Speaker to Speaker Wire (crossover)
- 16 gauge, 2-conductor stranded – Power Supply to OP Wire

### Connector Specifications:

- Connectors for data wires are standard RJ45 – 4 pair (8 wires)
- Connectors for audio wires are standard RJ12 – 3 pair (6 wires)



16 gauge, 2 conductor



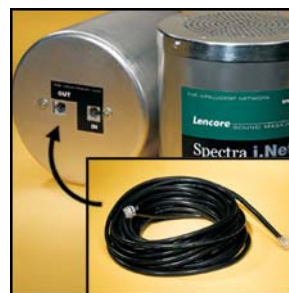
16 gauge, 2 conductor



Cat 5e 4 pair (data)



Cat 5e 3 pair (audio)



Cat 5e 3 pair (audio)

### Other Systems Also Available

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

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