

# Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

## SPECTRA – i.NET™ SOUND MASKING SYSTEM

### i.LON® 100 Internet Server (by Echelon®) Specifications – Model G13

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 Lencore Spectra i.Net™ Sound Masking System uses the i.LON® 100 server as its head end equipment to control the i.Net™ System. The i.LON® 100 offers exceptional features, solid construction, plus the flexibility to monitor and control the sound masking from anywhere.

Through the i.LON® 100 you can access the sound masking system from a local network, a virtual private network, or through the internet. Also the i.LON® 100 can be hooked up with a laptop and accessed directly.

With the system's built in authentication features it ensures that only authorized users can access the network.

The i.LON® 100 can serve as a gateway for a variety of device types, including LonWorks®. It provides universal connectivity for the devices attached to it, making their data available to corporate IP networks and the Internet, and providing local device monitoring and control via built-in scheduling, alarming, and data-logging applications. With it, the sound masking system can be connected, remotely configured, monitored, and controlled from across the room, or around the world.

### **Diagnostics & Reporting:**

The system is capable of performing a complete diagnostics of its entire functions including diagnostics of the network, nodes, dsps, memory, circuitry, amplifiers and power.

The system is also capable of reporting entire settings for each zone for masking, paging and music indicating volume, contour (1/3<sup>rd</sup> band octave equalization, parametric equalization), diagnostics, and groupings.

### **Security:**

The central control is able to be accessed via an authorized computer access point with the use of a password.

The following are trademarks of Echelon Corporation: i.Lon 100®, LonTalk®, LonWorks®

Lencore Acoustics Corp. • 1 Crossways Park Drive West • Woodbury, NY 11797 • (P) 516-682-9292 • (F) 516-682-4785 • email: [info@lencore.com](mailto:info@lencore.com)  
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The Lencore logo is displayed in a bold, white, sans-serif font against a dark background.

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#### **Programmable Audio-Level Control Unit (Timer):**

Standard applications include scheduling, and analog functions. The scheduling application permits events and exceptions to be initiated based on time and date schedules configured by the user.

## TECHNICAL SPECIFICATIONS

- Programmable attenuation range: -24 to +24dB (48dB)
- Slide control attenuation range: -24 to +24dB (48dB)
- Minutes per dB change: User programmable
- Acclimation attenuation range: -24 to +24dB
- Acclimate days per dB change: 1 to 7 days
- Programmable events: 24 events per day for each zone.
- 2 opto-isolated digital inputs.
- 2 high-voltage, high-current relay outputs.
- Auto-polarity 10/100Base T Ethernet interface.
- Supports connection to an external wireless GSM or GPRS modem.
- Supports LonWorks® twisted pair (TP/FT-10) and power line (PL-20) channels.

#### **Other Systems Also Available**

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

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