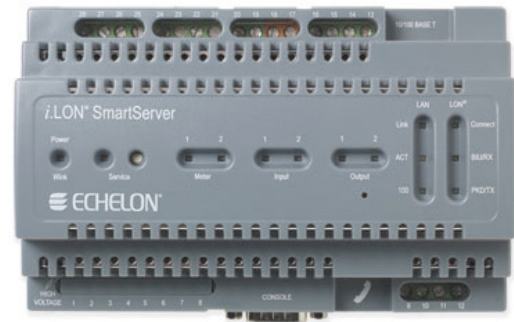


SPECTRA – i.Net®

PRODUCT SHEET & SPECIFICATIONS

i.LON® SMARTSERVER (MODEL G55)



FUNCTION

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

Through the i.LON® SmartServer you can access the Spectra i.Net® System from a local network, a virtual private network, through the internet, or directly through the i.LON® SmartServer user interface. In addition, it is compatible with Lencore's iPad application, allowing for control of sound masking volume and contour levels, as well as independent adjustment of music and paging volume and system muting, while moving throughout the building.

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

The i.LON® SmartServer can serve as a gateway, 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. Crestron and AMX integration is also available.

DIAGNOSTICS & REPORTING

The system is capable of performing complete diagnostics of all its 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 (1/3rd band octave equalization, parametric equalization), diagnostics, and groupings.

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.

SECURITY

The central control is able to be accessed via an authorized computer access point with the use of a password. The i.LON® SmartServer offers interoperable networking based on open standards and fully supports ANSI 709.1 protocol.

i.Lon® SmartServer, LonTalk® and LonWorks® are registered trademarks of Echelon Corporation.

V1.0

Lencore Acoustics Corp. One Crossways Park Drive West Woodbury, NY 11797 p 516-682-9292 f 516-682-4785 info@lencore.com
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 **LENCORE**

i.LON® SMARTSERVER

– DIMENSIONS

- + w 5.47" h 3.51" d 2.60"

– 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

– INPUTS/OUTPUTS

- + 2 opto-isolated digital inputs
- + 2 high-voltage, high-current relay outputs
- + Auto-polarity 10/100Base T Ethernet interface
- + Supports LonWorks® twisted pair (TP/FT-10)

– POWER

- + Operating Input Voltage 100-240 VAC (-6%/+10%), 50/60Hz
- + Power Consumption < 15 watts

– NETWORK CONNECTOR

- + Screw terminals

– INDICATORS

- + Power On/Wink
- + Ethernet link, activity, 10.100Mbps
- + LONWORKS service
- + 2 Digital Inputs
- + 2 Relay Outputs
- + Remote network interface connection status

– AGENCY LISTINGS

- + UL 60950, cUL C22.2 No. 60950-00, TUV EN60950, CE, C-Tick

– EMC

- + FCC Part 15 Class B, EN55022 Class B, EN55024, CISPR 22 Class B, VCCI Class B