

Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

LENCORE SPECTRA – i.NET™ SOUND MASKING SYSTEM

Router Specifications – Model G70

The Lencore Spectra i.Net™ Sound Masking System's intuitive technology, infinite flexibility and open-platform system design revolutionizes the standard, quality and adjustment capabilities for networked sound masking systems.

At approximately every 30th OP, a Lencore Spectra i.Net™ router is typically used to ensure quality data transmission, paging and music integrity among long OP cable runs.

Connect a CAT 5e cable from the OUT data port of the 30th OP to the data IN side of the router. Now connect another CAT 5e cable from OUT side of router to IN data port of 31st OP. Do similar connections after every 30th OP in the system. (see diagram on following page)

For Lencore Spectra i.Net™ Sound Masking System with paging/music, connect internal jumpers to the screw terminals located on either end of the router to integrated OP Amps after every 60th OP in a run.

Paging and music may also be routed out of the router via internal jumpers to the screw terminals located on either end of the router to integrated OP amps or component amplifiers and equalizers for signal boost and correction. This setup is typically run at approximately the 60th OP in a run.



Lencore Spectra i.Net™ Router

NEVER PLUG A SPECTRA i.NET™ ROUTER INTO ANY COMPUTER OR NETWORK OR LIKE DEVICE OTHER THAN SPECTRA i.NET™ EQUIPMENT AS DAMAGE TO THE COMPUTER OR LIKE EQUIPMENT CAN OCCUR.

Technical Specifications:

Router Input Voltage:
16-24 VAC or VDC

Power Input:

(Option 1) Screw Terminal:
Use minimum 2 conductor 18 gauge plenum rated wire for power attachment.

Or

(Option 2) Power Brick Adapter:
5.5mm O.D. 2.1mm I.D. – Center +
Or Screw Terminal.

Inputs:

Data CAT 5e RJ45
Paging
Music
Audio Ground

Outputs:

Data CAT 5e RJ45
Paging
Music
Audio Ground

Size: 7 1/2" x 4" x 2 1/2"

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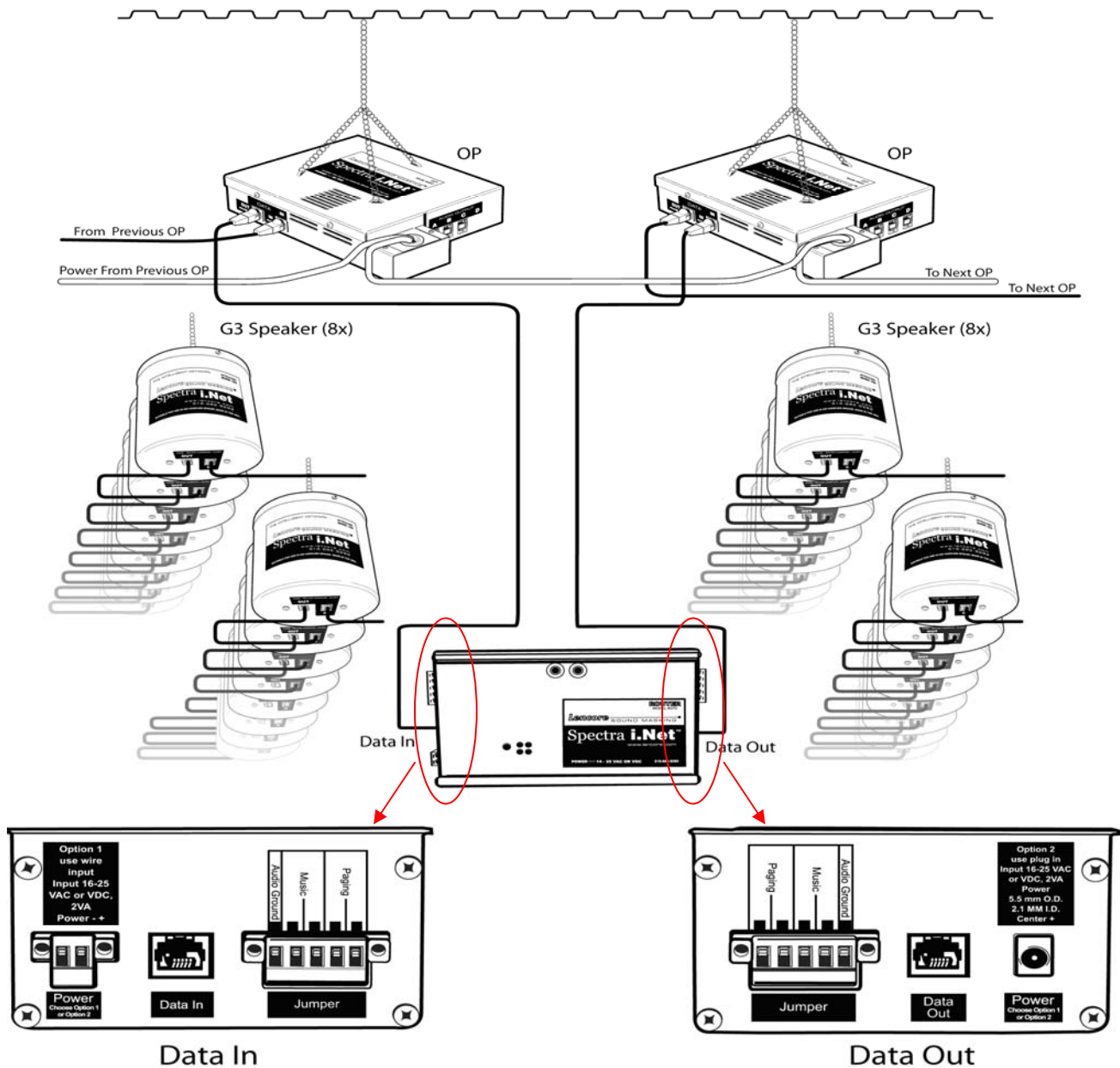
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Router Specifications – Model G70 (page 2)

Wiring Schematic for Spectra i.Net's Router



Other Systems Also Available

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

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