

Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

CROSSWAYS-ONE™ SOUND MASKING SYSTEM

Router Specifications – Model #G70

When a direct fired speaker or system is required due to site conditions or application need, CrosswaysOne™ system provides the highest level of sound quality and adjustability. CrosswaysOne™ offers a commercial grade direct fired system using a higher quality construction and sound quality than competitive systems.

At approximately every 30th Platform, a Lencore CrosswaysOne™ router is typically used to ensure quality data transmission, page and music integrity among long Platform cable runs.

Connect a CAT 5e cable from the OUT data port of the 30th Platform 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 Platform. Do similar connections after every 30th Platform in the system (see diagram on following page).

For CrosswaysOne™ Sound Masking System with page/music, connect internal jumpers to the screw terminals located on either end of the router to integrated Platform Amps after every 60th Platform in a run.

Page 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 Platform amps or component amplifiers and equalizers for signal boost and correction. This setup is typically run at approximately the 60th Platform in a run.



Lencore CrosswaysOne™ Router

NEVER PLUG A CrosswaysOne™ ROUTER INTO ANY COMPUTER OR NETWORK OR LIKE DEVICE OTHER THAN CrosswaysOne™ 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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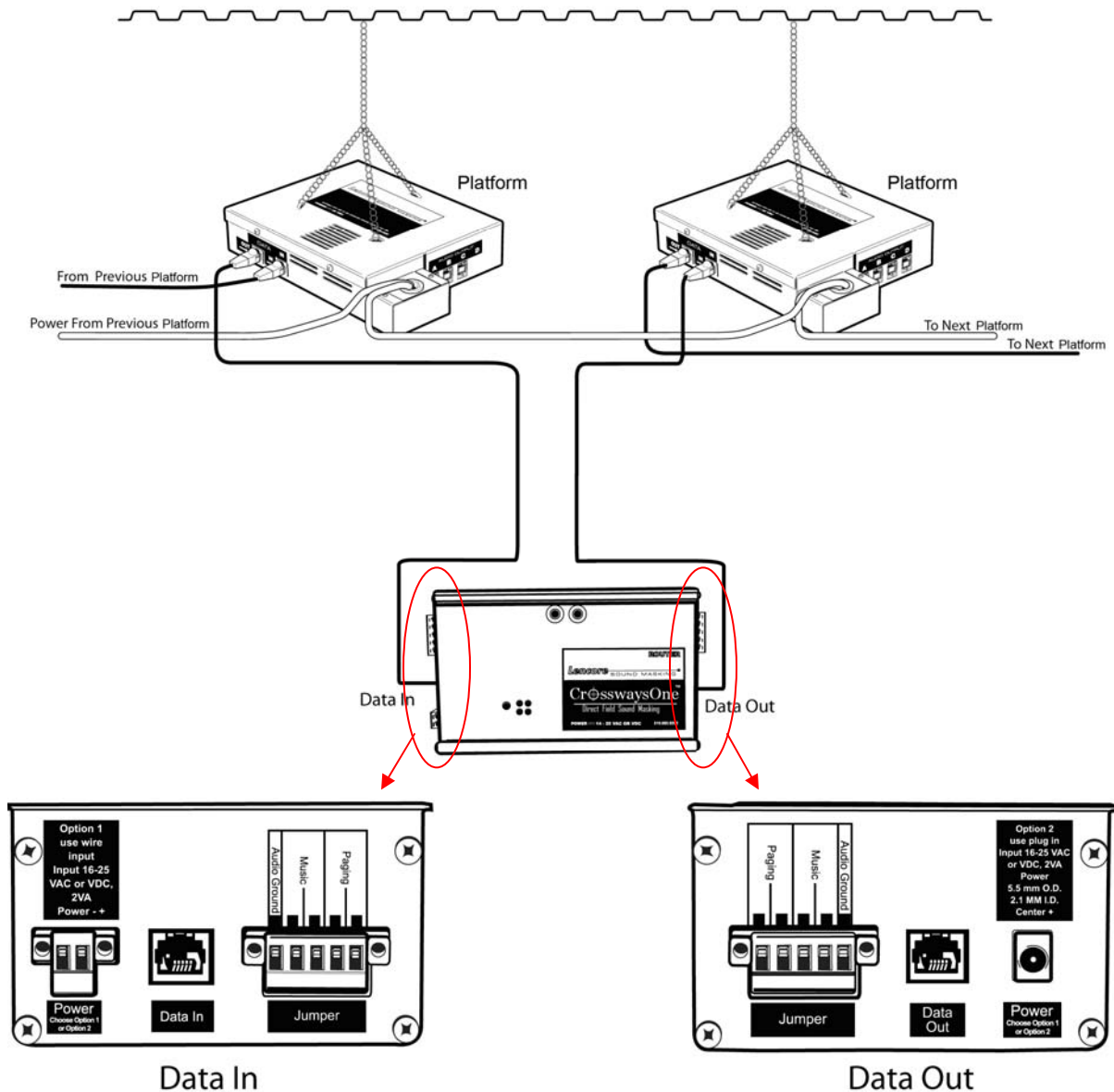
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Router Specifications – Model #G70 (page 2)

Wiring Schematic for CrosswayOne's Router



Other Systems Also Available

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

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