

PowerLinX is a line of power supplies for VIEW® device. ClearOne has a variety of different PowerLinX devices designed to work in a variety of different situations. The PL960 is centrally located and used to power VIEW devices in other zones. While the PL228, PL250, and PL140 are designed to locally power individual VIEW devices.



Applications

+ NetPower

All VIEW devices are assigned a NetPower rating that indicates how much power that devices draws from a PowerLinX. Using the NetPower Calculator, the number of required PowerLinX can be estimated. The NetPower Calculator is available at ClearOne website www.clearone.com.

+ PL960 is centrally Located

The PL960 is centrally located power supplies capable used to power multiple devices. VIEW devices are connected to the PowerLinX using 16 or 14 gauge wire. It is recommended that 4 wires are pulled to each device. This is required for all TouchLinX and for the SL251 SpeakerLinX. These wires connect to the PowerLinX using 4-pin modular connectors.

+ Regulated Power

The PL960 is designed to regulate the power going to the VIEW devices using a constant current design that ensures enough power is available for all devices. PowerLinX prevents current overdraw and uses LED's to indicate when a problem exists.

Features

+ Mounting Options

At the rack, PowerLinX can be mounted using a PowerLinX rack shelf (sold separately). This shelf allows up to three PowerLinX to be mounted per shelf and includes blank plates to fill in a partially loaded shelf.

+ PowerLinX Selection

The PL960 PowerLinX provides power to up to seven (7) SL251 SpeakerLinX. The PL960 provides up to 960-watts of continuous power for a minimum of 5 minutes, as per the EIA/CEA-490-A amplifier test requirement.

POWERLINX PL960 POWER USAGE AND REAR IMAGE

Example of Maximum Power Usage

One PL960 has a maximum NetPower output of 168

(6) SpeakerLinX SL251	NetPower	(24 NP x 6) =	144
(6) TouchLinX TL430	NetPower	(1 NP x 6) =	6
(4) MedialinX MLA101	NetPower	(1 NP x 4) =	4
Total NetPower			154

So as you can see in the example above, one PowerLinX PL960 power supply can supply enough power for up to six rooms of SpeakerLinX SL251 amplifiers and TouchLinX touch screens. To increase the number of rooms, simply add another PL960 to your DigiLinX system.



Functional Specifications

POWER

28VDC Intelligent Power Supply
 14.5A continuous (7A max from any one output connector)
 20A peak, 5 minutes
 100-240 VAC Input, 50-60hz, 5.5-2.4A

RIPPLE

<100mVp-p

OUTPUT CHANNELS

EIGHT (8) 4-pin
 Short circuit status LEDs

MAX AMBIENT TEMPERATURE

50c
 Optional Rack Shelf for rack mounting up to 3 PowerLinX,
 sold separately

WEIGHT

9 lbs (4.1kg)

DIMENSIONS

5.78" x 3.38" x 16.45" (WxHxD) (147mm x 86mm x 418mm)

TOTAL NETPOWER SUPPORTED

168

ClearOne Contacts

North America
 Tel: +801.975.7200
 Toll Free: +800.945.7730
 TechSales: +1-800.705.2103
 Fax: +801.303.5711
 sales@clearone.com

Europe & Oceania
 Tel: +44.1454.616.977
 global@clearone.com

Asia Pacific
 Tel: +852.3590.4526
 global@clearone.com

Latin America
 Tel: +801.974.3621
 global@clearone.com

Middle East
 Tel: +852.3590.4526
 global@clearone.com

Other product names may be registered trademarks of their respective owners who do not necessarily endorse ClearOne or ClearOne's products. All rights reserved. Information in this document subject to change without notice. © 2014 ClearOne. 800-225-000-00 Revision-DS 1.0 March 2015