

Offering DMX, Video, & Console Remote Signal Routing and Management Functions

APPLICATION

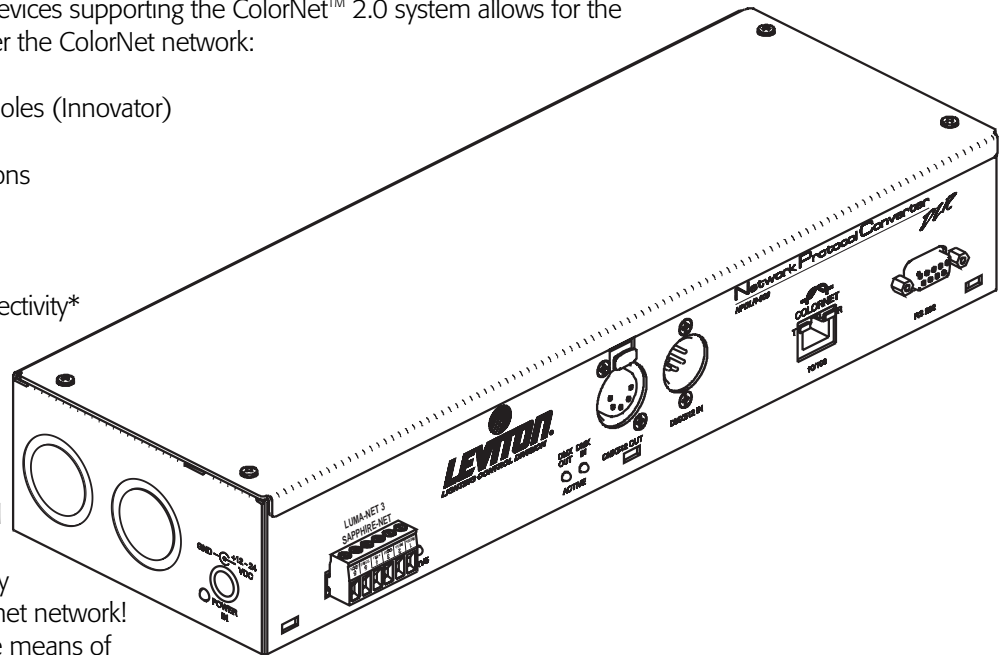
The Network Protocol Converter, NPC, by Leviton's Lighting Control Division provides exceptional convenience and flexibility as an interface for remote devices, displays, and networking of theatrical and architectural control devices. The NPC is installed as a node on an Ethernet network communicating using the ColorNet 2.0 and TCP/IP protocols. The NPC when combined with other network devices supporting the ColorNet™ 2.0 system allows for the following devices to communicate over the ColorNet network:

- ColorNet™ 2.0 Enabled Control Consoles (Innovator)
- Control Console Hand Held Remote
- Sapphire™ Architectural Control Stations
- Dimensions D8000 and D4200 Architectural Control Stations (through Luma-Net III)
- i Series Dimmer Rack Network Connectivity*

FUNCTIONS

- Simple Universe-Based DMX patching
- DMX Patching (Channel by Channel)
- Advanced Signal Routing and Control

Imagine all of these devices effortlessly communicating over a standard Ethernet network! The NPC DLR provides a cost-effective means of Luma-Net™ and Sapphire Net™ to DMX conversion for projects not requiring the large number of inputs and outputs available in other NPC models.



Network Protocol Converter DLR

TYPICAL APPLICATIONS

- Theaters
- DMX Distribution over Ethernet
- Houses of Worship
- Performing Arts Centers
- Luma-Net Conversion to DMX (through ColorNet)
- Advanced ColorNet Patching
- Stage Manager's Panels
- Multiple signal transmission and multiplexing over a single affordable cable
- Convention Centers
- Application where DMX connection to other manufacturers' equipment is required
- Connection to other manufacturer's dimming equipment

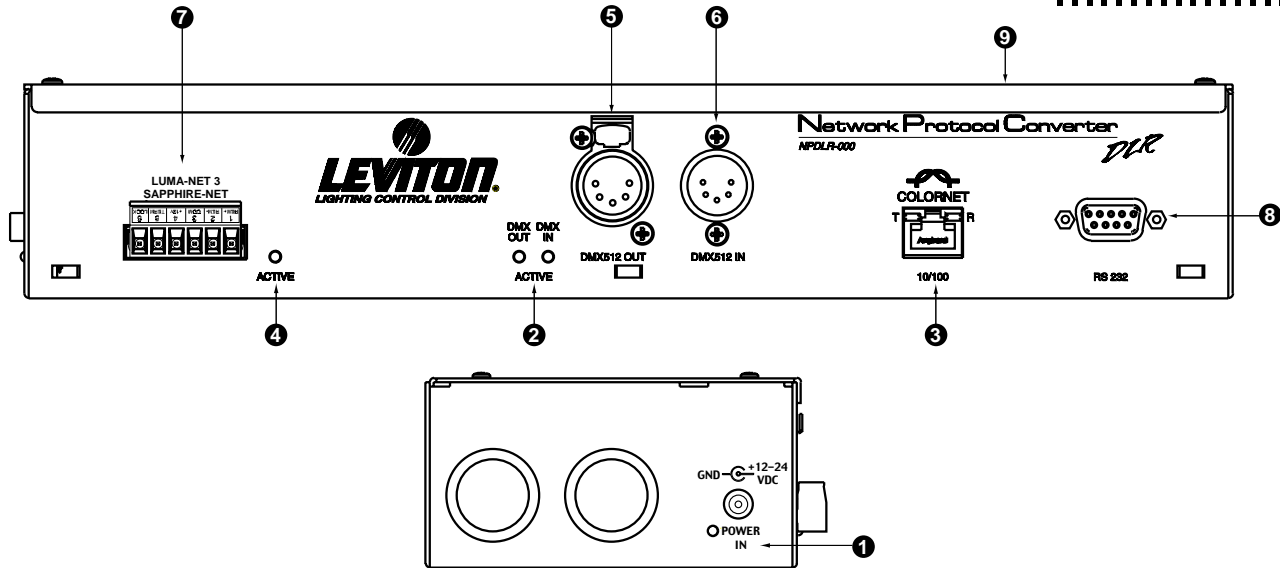
SOFTWARE FEATURE LIST

- DMX ↔ ColorNet Patching
- Luma-Net ↔ ColorNet Patching
- Luma-Net ↔ DMX Patching
- Remote Configuration via Telnet
- FTP for System Upgrades
- Sapphire-Net ↔ ColorNet Patching
- Sapphire-Net ↔ DMX Patching

*Consult factory for details

General Data

Network Protocol Converter NPC DLR



CALLOUT DESCRIPTIONS

- 1) Power Input & Indicator
- 2) DMX512 Indicators
- 3) ColorNet Indicators & Receptacle
- 4) Luma-Net Indicator
- 5) DMX512 Output Port
- 6) DMX512 Input Port
- 7) Luma-Net or Sapphire-Net Port
- 8) Luma-Net RS232 Configuration Interface
- 9) Reversible cover for permanent installation

ORDERING INFORMATION

Description	Part#
NPC DLR Rack Mount (Surface or Desktop)	NPDLR-000

* The power supply furnished with this device is a 12V 2.5A supply fed by +100-240 VAC. The NPC itself uses 1.0A **excluding** any devices on the Luma-Net ports or on the analog ports.

Use the optional high current external supply when greater power requirements exist. Please consult the application guide for additional information.

PHYSICAL CONNECTIONS

	qty	termination
Network	1	RJ45
DMX Inputs	1	5 Pin XLR
DMX Outputs	1	5 Pin XLR
Luma-Net	1	Screw Terminal
Analog Inputs	0	Screw Terminal
Video Display	0	HD15
Hand Held Remote	0	6 Pin XLR or Terminals
Memory Card	0	Card Slot
Keyboard	0	5 Pin DIN (AT)
Power	1	

INSTALLATION CHECKLIST

- ✓ +12-24 VDC Power (see applications guide)
- ✓ Connection to Network (not required for all applications)
- ✓ Network Hub and Related Networking Equipment
- ✓ Optional Connections to Other Leviton Control Equipment

Physical Data

	english (in)	metric (cm)
Width (Desktop)	13.00	44.57
Depth	4.50	21.46
Height	2.25	4.45
Rack Spaces	n/a	n/a
Weight	6.3 lbs	2.9 kg
Power Supply*	12V, 2.5A	



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Building a Connected World

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