LEVITON

Network Protocol Converter (NPC) DLR
Offering DMX, Video, & Console Remote Signal Routing and Management Functions

APPLICATION
The Network Protocol Converter, (NPC), 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

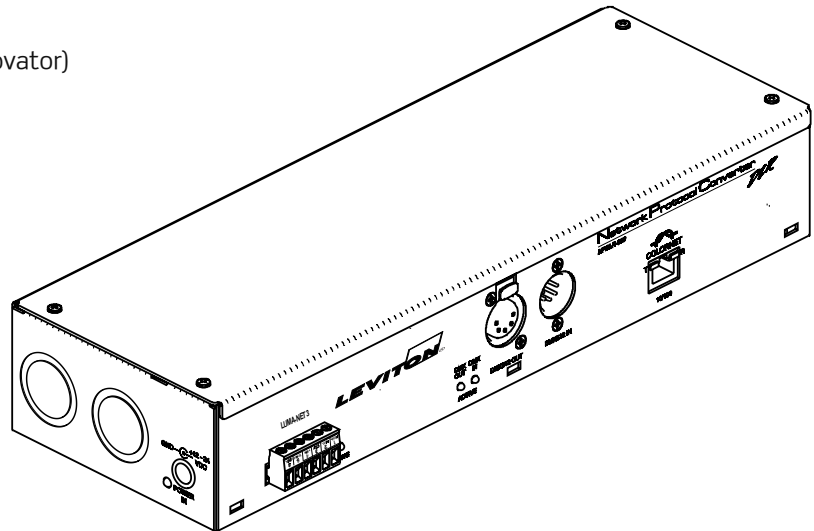• Dimensions® D8000 and D4200 Architectural Control Stations (through Luma-Net III)

FUNCTIONS
• Simple Universe-Based DMX patching

• DMX Patching (Channel by Channel)

• Advanced Signal Routing and Control

• BMS System Connectivity

The NPC DLR provides a cost-effective means of Luma-Net™ to DMX conversion for projects not requiring the large number of inputs and outputs available in other NPC models.

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
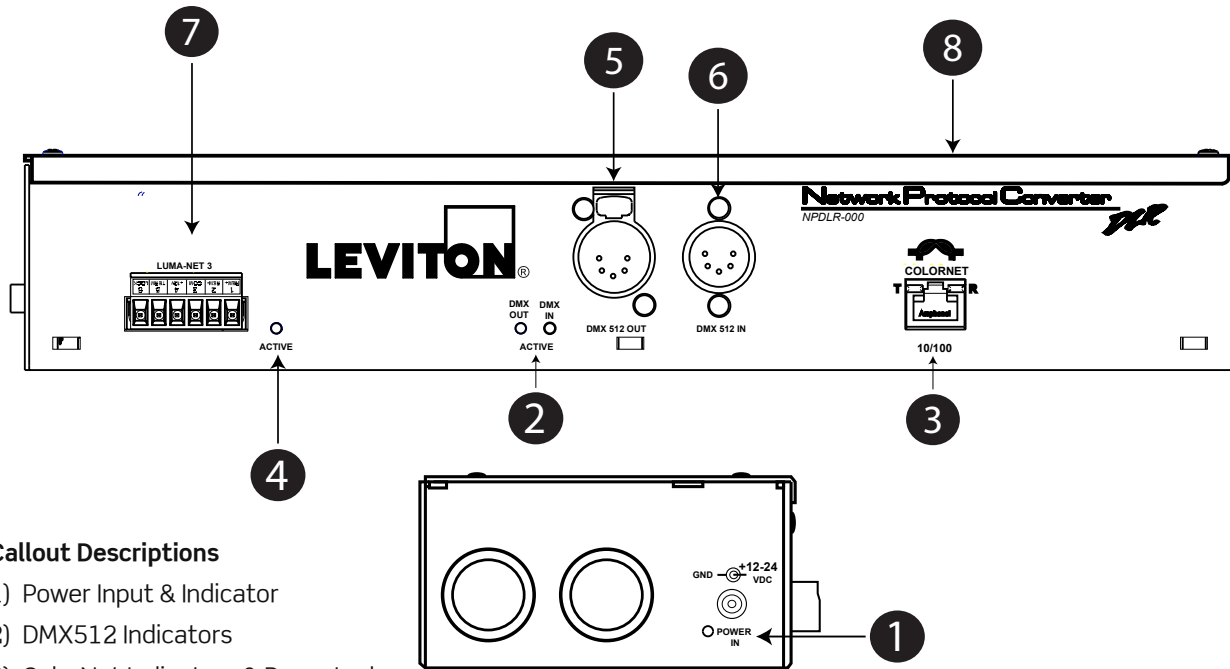
• Connection to other manufacturer's dimming equipment

SOFTWARE FEATURE LIST

• DMX ← → ColorNet Patching

• Luma-Net ← → ColorNet Patching

• Luma-Net ← → DMX Patching

• Remote Configuration via Telnet

• FTP for System Upgrades

• BacNet/IP

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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

8) Reversible cover for permanent installation

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

Ordering Information

Description	Part#
NPC DLR (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

	Quantity	Termination
Network	1	RJ45
DMX Inputs	1	5 Pin XLR
DMX Outputs	1	5 Pin XLR
Luma-Net	1	Screw Terminal
Power	1	n/a

Physical Data

	English (in)	Metric (cm)
Width (Desktop)	13.00	44.57
Depth	4.50	21.46
Height	2.25	4.45
Weight	6.3 lbs	2.9 kg
Power Supply*	12V, 2.5A	