

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

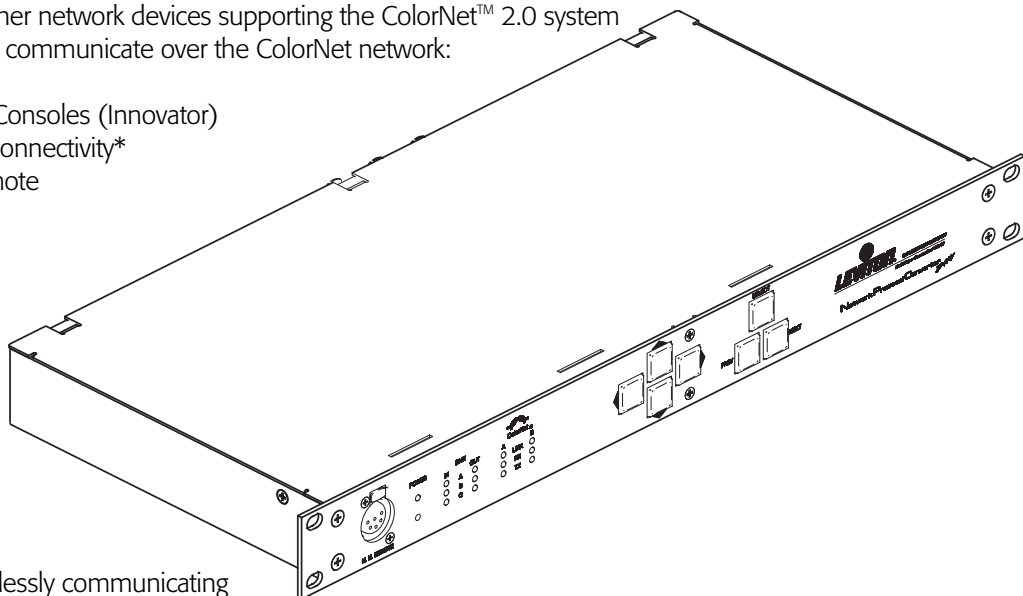
APPLICATION

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)
- i Series Dimmer Rack Network Connectivity*
- Control Console Hand Held Remote

FUNCTIONS

- Dual Remote Video Display (Console & Dimmers)
- Simple Universe-Based DMX patching
- DMX Patching (Channel by Channel)
- Advanced Signal Routing and Control Rack Mount Unit



Imagine all of these devices effortlessly communicating over a standard Ethernet network!

Installations which can benefit from the use of an NPC DHV are those where DMX Distribution, HHR, or remote video display requirements exist. The NPC DHV is a tool for the distribution and management of this complex lighting control information.

SOFTWARE FEATURE LIST

- DMX \leftrightarrow ColorNet Patching
- ColorNet \leftrightarrow i Series Dimmer Rack Patching
- Video Display Selection
- Remote Configuration via Telnet
- FTP for System Upgrades
- Remote Console Video Display
- Remote i Series Feedback Display

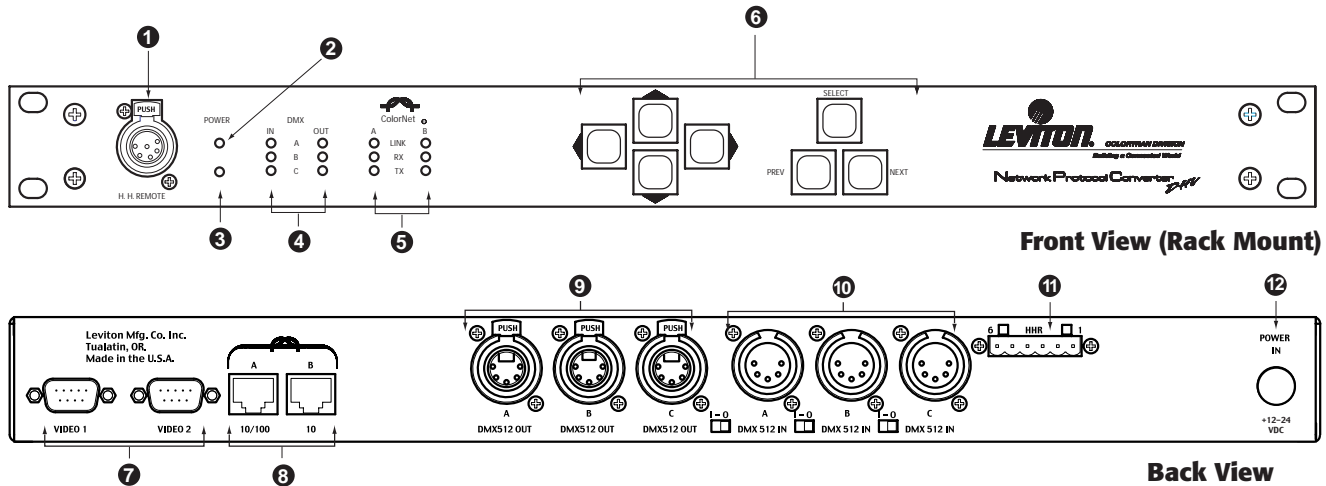
* Consult factory for details

TYPICAL APPLICATIONS

- Theaters
- DMX Distribution over Ethernet
- Houses of Worship
- Remote or additional Console Displays over Ethernet
- Performing Arts Centers
- Advanced ColorNet Patching
- Stage Manager's Panels
- Multiple single transmission and multiplexing over a signal affordable cable
- Convention Centers
- Network Dimmer Rack Monitoring

General Data

Network Protocol Converter NPC DHV



CALLOUT DESCRIPTIONS

- 1) Hand Held Remote Port
- 2) Power Indicator
- 3) Reset Switch Hole
- 4) DMX512 Indicators
- 5) ColorNet Indicators
- 6) Navigation & Operations Buttons
- 7) Video Ports
- 8) ColorNet Network Connectivity
- 9) DMX512 Output Ports
- 10) DMX512 Input Ports
- 11) Hand Held Remote Hardwired Port
- 12) Power Input

ORDERING INFORMATION

Description	Part#
NPC DHV Rack Mount	NPDHV-OOR
NPC DHV Desktop	NPDHV-OOD

Accessories

17" Black VGA CRT	CTP-7-2091
15" Black Flatscreen TFT	TAMON-F15

PHYSICAL CONNECTIONS

	qty	termination
Network	2	RJ45
DMX Inputs	3	5 Pin XLR
DMX Outputs	3	5 Pin XLR
Luma-Net	0	N/A
Analog Inputs	0	N/A
Video Display	2	HD15
Hand Held Remote	1	6 Pin XLR or Terminals
Memory Card	0	N/A
Keyboard	0	N/A
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)	17.56	44.57
Width (Rack Mount)	19.00	48.26
Depth	8.45	21.46
Height	1.75	4.45
Rack Spaces	1	1
Weight	7.5 lbs	2.4 kg
Power Supply*	2.5A, 12 VDC	
Operating Temperatures	32° to 104° F	0° to 40° C

* 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.



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