



Pre-wired gateway panel that converts 0-10V analog dimming signals to DMX512 output for architectural lighting control. Enables integration of standard 0-10V lighting controls with DMX-based fixtures. Ideal for retrofits, building automation integration, and commercial lighting applications.

## KEY FEATURES

- ✓ Converts 0-10V analog signals to DMX512
- ✓ Multiple 0-10V input channels
- ✓ RS-485 DMX output with 5-pin XLR connector
- ✓ Pre-wired in UL508A listed enclosure
- ✓ Labeled terminal blocks for easy installation
- ✓ 24VDC powered from integrated supply
- ✓ DIN rail mounted components
- ✓ Compact wall-mount enclosure
- ✓ Compatible with all 0-10V controllers
- ✓ Configurable DMX start address

## SPECIFICATIONS

<b>Input Channels</b>	4 or 8 (model dependent)	<b>DMX Channels</b>	Matches input channels
<b>Input Signal</b>	0-10VDC analog	<b>Power Input</b>	120VAC, 50/60Hz
<b>Input Impedance</b>	100K ohms	<b>DC Power</b>	24VDC internal supply
<b>DMX Output</b>	DMX512-A (ANSI E1.11)	<b>Enclosure Rating</b>	NEMA 1 (indoor)
<b>DMX Connector</b>	5-pin XLR female	<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)

## ELECTRICAL SPECIFICATIONS

<b>Input Voltage Range</b>	0-10VDC (sink or source)
<b>Input Resolution</b>	12-bit (4096 steps)
<b>DMX Refresh Rate</b>	44Hz nominal
<b>Isolation</b>	Optically isolated DMX output
<b>Power Consumption</b>	10W maximum
<b>Wire Size</b>	14-22 AWG

## DIMENSIONS

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<b>Width:</b>	10 in (254mm)
<b>Height:</b>	12 in (305mm)
<b>Depth:</b>	4 in (102mm)
<b>Weight:</b>	8 lbs (3.6 kg)

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## MOUNTING

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Surface mount using integrated keyhole slots. Connect 0-10V control wiring to labeled input terminals. Connect DMX output to fixtures via 5-pin XLR cable. Observe polarity on all connections.

## ORDERING INFORMATION

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Part Number	Description
<b>NX-DMX-GW4</b>	4-Channel 0-10V to DMX Gateway Panel
<b>NX-DMX-GW8</b>	8-Channel 0-10V to DMX Gateway Panel
<b>NX-CBL-DMX-10</b>	10ft DMX cable, 5-pin XLR M/F
<b>NX-CBL-DMX-25</b>	25ft DMX cable, 5-pin XLR M/F

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UL508A

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**Nuvospec**  
www.nuvospec.com  
sales@nuvospec.com  
(512) 615-9002