



Professional 8-channel DMX512 controller designed for commercial lighting applications. Features built-in scene storage, 0-10V analog interface for external control, and robust DIN rail mounting for panel installation. Ideal for architectural lighting, retail displays, and building automation systems.

KEY FEATURES

- ✓ 8 independent DMX512 output channels
- ✓ Built-in scene storage (16 programmable scenes)
- ✓ 0-10V analog input for external scene recall
- ✓ RS-485 DMX output with industry-standard 5-pin XLR connector
- ✓ Individual LED status indicators per channel
- ✓ DIN rail mountable (35mm standard rail)
- ✓ Surface mount option with included hardware
- ✓ Compact 4-module DIN rail footprint
- ✓ Configurable DMX start address via DIP switches
- ✓ Protected against short circuits and over-voltage

SPECIFICATIONS

Input Voltage	24VDC (20-28VDC range)	Start Address	1-504 (DIP switch)
Power Consumption	5W maximum	Operating Temperature	0°C to 50°C (32°F to 122°F)
DMX Channels	8 channels	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
DMX Protocol	DMX512-A (ANSI E1.11)	Humidity	5% to 95% non-condensing
DMX Output	RS-485, 5-pin XLR female	Enclosure Rating	IP20 (indoor use)
Control Input	0-10VDC analog		

ELECTRICAL SPECIFICATIONS

Input Connector	Screw terminal, 14-22 AWG
DMX Output Current	250mA max per universe
Isolation	Optically isolated DMX output
Surge Protection	Built-in TVS protection
Fuse	Internal auto-resettable PTC

DIMENSIONS

Width:	72mm (4 DIN modules)
Height:	90mm
Depth:	58mm
Weight:	225g (0.5 lbs)

MOUNTING

Mounts on standard 35mm DIN rail (EN 60715) or surface mount using included bracket. Allow minimum 10mm clearance above and below unit for ventilation. Maximum ambient temperature at installation location: 50°C.

ORDERING INFORMATION

Part Number	Description
NX-DMX8	8-Channel DMX Controller
NX-DMX8-KIT	Controller with 24VDC power supply and 10ft DMX cable
NX-PWR24-2A	24VDC 2A DIN rail power supply (optional)
NX-CBL-DMX-10	10ft DMX cable, 5-pin XLR M/F (optional)

UL Listed

CE

RoHS

FCC Part 15

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