

PROJECT	FIRM	ORDER #	TYPE	QTY
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PL-NEO MPC is designed for demanding projects requiring a large number of DMX / Art-Net / sACN channels. The server offers licenses ranging from **16 to 512 universes**.

Features include 24-hour Audio and Video Timeline synchronization, MIDI Time Code, PC Clock triggers, and Live Timeline Record with pixel mapping, LED matrices and video screens.

A high-performance server for large lighting projects, delivered with pre-installed software. Shows and light scenes are controlled from the internal Live Page or via mobile devices.

Features

- DMX / Art-Net / sACN control server — licenses from 16 up to 512 universes.
- 24-hour Audio, Video and Lighting timeline synchronization with MIDI Time Code.
- Live Timeline Record with pixel mapping, LED matrices and video screens.
- Wide trigger set: MIDI, RS232, DMX IN, keyboard, hyperlinks, PC clock & calendar, UDP/Ethernet (SDK).
- Pixelerr and Pixelerr PRO pre-installed; internal Live Page plus Android / iOS mobile app.
- Diecast aluminium housing with brushed anodized finish.

At a glance

<p>⚡ Power 100-240 V AC 50/60 Hz</p>	<p>◆ Protection IP20</p>	<p>☰ Capacity up to 512 universes</p>	<p>🌡 Temperature -40 °C to +85 °C</p>	<p>✦ Certification CE · RoHS</p>	<p>★ Warranty 5 years, international</p>
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License matrix

NEO X license tiers — identical server hardware at every tier. Licenses above 64 universes are available on request.

PL-NEO MPC	Universes	DMX channels	A/V timeline	Live record	Mobile app	Software
NEO X 16	16	8 192	24 h sync	Yes	Android / iOS	Pixelerr · PRO
NEO X 32	32	16 384	24 h sync	Yes	Android / iOS	Pixelerr · PRO
NEO X 64	64	32 768	24 h sync	Yes	Android / iOS	Pixelerr · PRO

Specifications

Series	DMX / Art-Net Control Server
Product code	PL-NEO MPC
License (NEO X)	16, 32 or 64 universes · up to 512 universes on request
Protocols	DMX 512 · Art-Net · sACN — input, control and record
Ethernet	Yes
Audio / Video / Lighting timeline	Yes — 24-hour synchronization
Live Timeline Record	Yes — with pixel mapping, LED matrices and video screens
Software	Pixelerr, Pixelerr PRO — pre-installed
PC clock & calendar DMX modes	Yes — year, month, day, time
Triggers	MIDI · RS232 · DMX IN · keyboard · hyperlinks
UDP / Ethernet (SDK)	Yes — triggers and commands
DVI supported resolution (PRO)	1024 × 768 (NEO S) · 1280 × 720 / 1280 × 1024 (NEO PRO S)
Mobile application	Yes — Android / iOS
Show control	Internal Live Page or mobile devices
Operating / storage humidity	0 - 80 % RH, non-condensing
Protection class	IP20
Power	100 - 240 V AC, 50/60 Hz
Dimensions	W 430 mm × H 88.5 mm × D 400 mm
Weight	3.5 kg (7.7 lb)
Housing	Diecast (or extruded) aluminium with brushed anodized finish
Operating temperature	-40 °C to +85 °C
Compliance / warranty	CE, RoHS · 5 years international warranty

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Dimensions

Server unit



Enclosure

W 430 mm × H 88.5 mm × D 400 mm;
weight 3.5 kg (7.7 lb).

Diecast (or extruded) aluminium
housing with brushed anodized finish.
Protection class IP20 — for installation
in dry, indoor technical spaces.

Connectivity & triggers

Network & protocols

- Ethernet connection carries Art-Net and sACN — input, control and record.
- UDP / Ethernet triggers and commands are available through the SDK for integration with third-party systems.

Local I/O

- MIDI (including MIDI Time Code), RS232 and DMX IN for external desks and devices.
- Keyboard and hyperlink triggers; PC clock and calendar DMX modes (year, month, day, time).

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Configure your product

Choose the NEO X license tier matching the universe count of your installation. All tiers run on the same server hardware.

License	Configuration	License	Configuration
NEO X 16	16 universes — 8 192 channels	NEO X 64	64 universes — 32 768 channels
NEO X 32	32 universes — 16 384 channels	—	Up to 512 universes on request

Example product codes

PL-NEO MPC · NEO X 32 DMX / Art-Net Control Server — 32 universes

PL-NEO MPC · NEO X 64 DMX / Art-Net Control Server — 64 universes

Software & show control

PL-NEO MPC ships with Pixelerr and Pixelerr PRO pre-installed. Build shows with 24-hour audio/video timelines and trigger them from the internal Live Page, from mobile devices, or from external sources.

Trigger map

Trigger	Type	Notes
MIDI / Time Code	Hardware	Timeline synchronization via MTC
RS232 · DMX IN	Hardware	Desks and third-party systems
PC clock & calendar	Software	Year / month / day / time scheduling

UDP / Ethernet commands are also available from the SDK.

System notes

- DVI supported resolution (PRO): 1024 × 768 (NEO S) · 1280 × 720 / 1280 × 1024 (NEO PRO S).
- Operating / storage humidity: 0 - 80 % RH, non-condensing.
- Mobile application for Android and iOS controls shows and light scenes over the network.