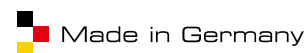# **MADRIX** NEO

The small, reliable, and easy-to-use DMX512 USB interface.

Including MADRIX 3 Software License

Made in Germany

Key Features

2nd Edition – 06/2017

The MADRIX NEO makes it much easier to work with any DMX-based LED lighting installation thanks to its highly professional qualities and the MADRIX Software.

DMX-IN/OUT With 5-Pin NEUTRIK XLR Port
The NEO hardware allows you to send or receive data via the MADRIX Software using 512 DMX channels. A male to male 3-pin or 5-pin XLR Gender Changer is required for DMX-IN.

USB 2.0 Standard
The USB 2.0 standard is fully supported to allow for a higher maximum speed of 480 MBit/s.

Power Over USB
The interface is powered directly via the USB port and does not need an additional power supply.

High Quality
Made from light but solid metal it features a robust enclosure and an eye-catching design.

Hot Swapping & Plug and Play
Devices can be connected to and disconnected from the computer during use and without a reboot.

Remote Control
MADRIX Software can be controlled remotely using the implemented DMX-IN functions.

Frame Rate Stability
Up to 60 NEOs can be connected to a USB host controller without having any frame rate problems. (60 DMX512 interfaces amount to 30,720 DMX channels.)

Active USB
Please connect every NEO to an active USB 2.0 port or use a USB 2.0 hub with a power supply.

Free software demo version, user manuals, and more information are available at **www.madrix.com**
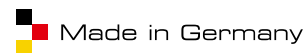
Package Contents

- MADRIX NEO
- USB cable
- Quick start guide
- CD-ROM incl. MADRIX Software and USB drivers

MADRIX NEO

The small, reliable, and easy-to-use DMX512 USB interface.
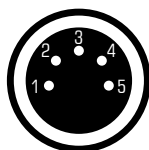
Including MADRIX 3 Software License

Made in Germany

Technical Specifications

Power Supply	DC 5 V, 500 mA, Power over USB
USB	USB 2.0, type B port
DMX512	512 DMX channels, input or output
DMX512 Port	5-pin, XLR, female, NEUTRIK
Dimensions (L x W x H)	78 mm x 59 mm x 35 mm
Weight	100 g
Operating Temp.	10 °C to 50 °C
Storage Temp.	-10 °C to 70 °C
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)
Case	Metal enclosure
IP Rating	IP20
Certificates	CE, FCC, RoHS

Connectivity

5-Pin	Description
1	Ground
2	DMX −
3	DMX +
4	Spare
5	Spare

MADRIX 3.X Software
Minimum System Requirements:

- 2.0 GHz dual-core CPU
- OpenGL 2.1 graphics card (NVIDIA recommended)
- 2 GB RAM
- 1 GB free harddisk space
- 1280 x 768 screen resolution
- Network card
- Sound card
- USB 2.0

MADRIX 3.X Software
Supported Operating Systems:

- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows® 8.1
- Microsoft® Windows® 10
- Compatible with 32 bit and 64 bit

CE   FC   RoHS compliant