MADRIX LIGHTING CONTROL

MADRIX LUNA

**The easy-to-use and reliable Art-Net node
or DMX512 USB interface.**

3 versions are available:
LUNA 4 | LUNA 8 | LUNA 16

Made in Germany

Key Features

The MADRIX LUNA reliably distributes DMX512 data over long or short distances using Ethernet network or USB.
Its sync mode makes sure that lighting effects look their best on the LEDs.

Art-Net Node
This device converts Art-Net data from Ethernet network to DMX512. Any small or large project greatly benefits from dependable data distribution and efficient operation.

MADRIX DMX512 USB Interface
Alternatively, you can choose to connect the unit as a plug-and-play solution to your computer and the MADRIX Software using any USB 2.0 port.

Easy Configuration
MADRIX LUNA offers powerful features, especially in combination with MADRIX Software. Take full advantage of pixel mapping and voxel mapping. The installation of the device is still quick and easy.

Quality Design
Devices are built 19″ x 1U or 19″ x 2U. They feature a fanless, low-energy design, a durable metal case, and NEUTRIK plugs.
2 premounted brackets make rack mounting possible. 5 indicators quickly show the status of a device.

4/8/16 DMX-OUT + 1 DMX-IN
4, 8, or 16 XLR ports (5-pin, female) distribute the equal number of DMX universes per unit. 1 XLR port (5-pin, male) can be used for DMX input. Simply use several units at the same time for larger projects.

Sync Mode
MADRIX Software and hardware allow you to synchronize Art-Net data for all output ports and even across multiple devices to get an optimal image on the LEDs without visual interruptions.

3rd-Party Controllers
MADRIX LUNA complies with the official Art-Net specifications and can be used as a regular Art-Net unit with your other consoles, controllers, or software solutions.

Invaluable Features
The device is ready within seconds after startup. HTP Merging is automatically available for two Art-Net sources. You can change specific device settings using the built-in web configuration tool.

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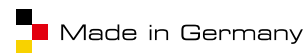
Package Contents

- MADRIX LUNA
- Power cord
- USB cable
- 2 Rack-mount brackets
- Quick start guide
- CD-ROM incl. MADRIX Software and USB drivers (license not included)

MADRIX LUNA

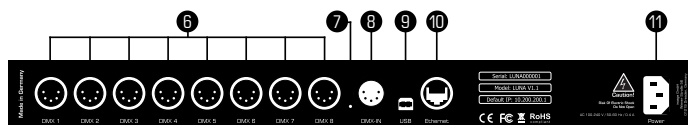**The easy-to-use and reliable Art-Net node or DMX512 USB interface.**

3 versions are available:
LUNA 4 | LUNA 8 | LUNA 16

Made in Germany

Technical Specifications

Power Supply	AC 100 V – 240 V, 50-60 Hz, 0.4 A max., IEC C14 inlet
Power Consumption	< 5 W during normal operation
USB	USB 2.0, type B port
DMX512 (OUT)	4x / 8x / 16x 512 DMX channels output
DMX512 (IN)	1x 512 DMX channels input
DMX512 Ports (OUT)	5-pin, XLR, female, NEUTRIK
DMX512 Port (IN)	5-pin, XLR, male, NEUTRIK
Ethernet/Art-Net	RJ45, 10/100 MBit/s, Auto MDI-X, NEUTRIK etherCON (compatible with 1 GBit/s)
Size	19″ x 1U (LUNA 4 / LUNA 8) | 19″ x 2U (LUNA 16)
Dimensions (Body Only)	76 mm x 440 mm x 44 mm (L x W x H)
Dimensions (Total)	76 mm x 482.6 mm x 44 mm (L x W x H)
Dimensions (LUNA 16)	76 mm x 482.6 mm x 88 mm (L x W x H)
Weight	1.3 kg (LUNA 4) | 1.4 kg (LUNA 8) | 2.0 kg (LUNA 16)
Operating Temp.	-10 °C to 60 °C
Storage Temp.	-20 °C to 70 °C
Relative Humidity	20 % to 80 %, non-condensing (Operating / Storage)
Case	Metal enclosure
IP Rating	IP20
Certificates	CE, FCC, RoHS

Connectivity

1) Status LED for Ethernet
2) Status LED for USB
3) Status LED for DMX-IN
4) Status LED for DMX-OUT
5) Status LED for Power

6) XLR ports: DMX 1 – DMX 4/8/16
7) Reset button
8) XLR port: DMX-IN
9) USB port
10) RJ45 Ethernet port
11) Power socket

Note: MADRIX LUNA 8 is used above as example. MADRIX LUNA 4 and MADRIX LUNA 16 have a similar layout and functionality.

CE   FC   RoHS compliant