MADRIX LUNA

The easy-to-use and reliable network node.

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

Art-Net / Streaming ACN / USB

Art-Net or Streaming ACN data is directly converted to DMX512. Optimize and decentralize cabling to cover any distance to the device using Ethernet network.

Any small or large project greatly benefits from dependable data distribution and efficient operation. Use any compatible software or hardware controller. In addition, simply connect to MADRIX® 5 over USB.

Easy Configuration

MADRIX® LUNA offers powerful features, especially in combination with MADRIX® 5. 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, noiseless, 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.

3rd-Party Controllers

MADRIX® LUNA complies with the official protocol specifications and can be used as a regular node with your other consoles, controllers, or software solutions.
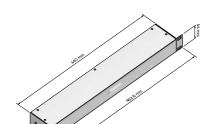
Sync Mode

MADRIX® 5 and MADRIX® hardware allow you to fully synchronize Art-Net data for all output ports and even across multiple devices to get an optimal image on the LEDs without visual interruptions.
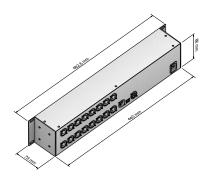
Invaluable Features

The device is ready within seconds after startup. HTP merging is automatically available for two Ethernet sources. Its firmware is upgradable for future enhancements. Access and change specific device settings using the built-in web configuration page.

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.

Specifications

Supply Of Power	AC 100 V – 240 V, 50-60 Hz, 0.4 A max., IEC C14 inlet
Power Consumption	< 1.5 W during normal operation
USB Port	USB 2.0, type B plug
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	1x RJ45, Auto MDI-X, NEUTRIK etherCON, 10/100 MBit/s (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