# MADRIX LUNA

## The easy-to-use and reliable network node.

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

Made in Germany

5 Years of Warranty

### 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.

### 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.

### 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.

### 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.

## Package Contents

- 1x MADRIX® LUNA
- 1x Power cord (IEC C13)
- 1x USB 2.0 cable (certified)
- 2x Rack-mount brackets (already mounted to the device)
- 1x Technical manual / quick start guide

## 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 |
| BTU/h | 5.50 (LUNA 4) \| 8.80 (LUNA 8) \| 10.20 (LUNA 16) during normal operation |
| Network Protocols | Art-Net (I, II, 3, 4, incl. ArtSync), Streaming ACN (sACN / ANSI E1.31) |
| DMX512 (OUT) | 4x / 8x / 16x 512 DMX channels output |
| DMX512 (IN) | 1x 512 DMX channels input |
| Ports (OUT) | 5-pin, XLR, female, NEUTRIK |
| Port (IN) | 5-pin, XLR, male, NEUTRIK |
| Ethernet | 1x RJ45, Auto MDI-X, NEUTRIK etherCON, 10/100 MBit/s (Compatible with 1 GBit/s) |
| USB | 1x port, USB 2.0, type-B female socket |
| Handling | 5 status LEDs |
| Case | Metal enclosure (With attached brackets for 19" rack mounting) |
| Size | 19" × 1U (LUNA 4 / LUNA 8) \| 19" × 2U (LUNA 16) |
| Dimensions (Body Only) | 76 mm × 440 mm × 44 mm (3" × 17.32" × 1.75") (Length × Width × Height) |
| Dimensions (Total) | 76 mm × 482.6 mm × 44 mm (3" × 19" × 1.75") (Length × Width × Height) |
| Dimensions (LUNA 16) | 76 mm × 482.6 mm × 88 mm (3" × 19" × 3.5") (Length × Width × Height) |
| Weight | 1.3 kg (2.87 lb) (LUNA 4) \| 1.4 kg (3.09 lb) (LUNA 8) \| 2.0 kg (4.41 lb) (LUNA 16) |
| Temperature Range | -10 °C to 60 °C (14 °F to 140 °F) (Operating) \| -20 °C to 70 °C (-4 °F to 158 °F) (Storage) |
| Relative Humidity | 20 % to 80 %, non-condensing (Operating / Storage) |
| IP Rating | IP20 |
| Certificates | CE, EAC, FCC, RoHS |
| Warranty | 5 years of limited manufacturer's warranty |

LUNA 4

LUNA 8

LUNA 16