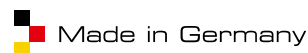




MADRIX STELLA

**The 2-port network node
for solid-state projects.**



Key Features

3rd Edition – 08/2018

The MADRIX® STELLA is a dedicated control interface for DMX512 and Art-Net or Streaming ACN that is designed for high quality and practicability in permanent LED installations.

Art-Net / Streaming ACN

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.

Easy Configuration

MADRIX® STELLA offers powerful features. Managing the device is still quick and easy. Supply power over USB or 5 V to 24 V over a 2-pin screw terminal.

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.

Designed For DIN Rails Or Walls

Its non-conductive enclosure and standardized design for 35 mm top-hat rails make mounting quick, easy, and safe. 2 extra brackets are provided for optional wall mounting. 6 indicators quickly show the device status with the option to turn them off.

2 DMX-IN/OUT

Directly connect DMX512 to the two 3-pin screw terminals to distribute 2 DMX universes per unit as input and/or output, eliminating the need for XLR connectors as a result. Simply use several units at the same time for larger projects.

Sync Mode

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

3rd-Party Controllers

MADRIX® STELLA complies with the official Art-Net and Streaming ACN specifications and can be used as a regular 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 Ethernet sources. Its firmware is upgradable. Access and change specific device settings using the built-in web configuration page.

Package Contents

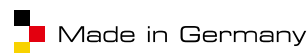
- MADRIX® STELLA
- Set of screw terminals (2x 3-pin and 1x 2-pin)
- Power supply and world adapters kit
- USB 2.0 cable (certified)
- 2x Wall-mount brackets
- Quick start guide / technical manual

More Information

Find all the latest user manuals, drivers, firmware updates, and more at www.madrix.com

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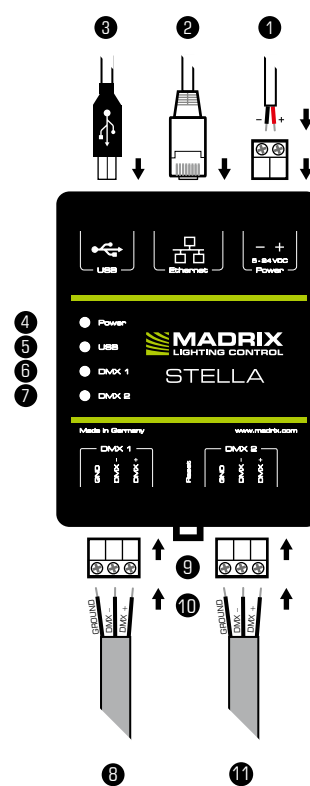
The 2-port network node for solid-state projects.



Technical Specifications

Power Supply	DC 5 V – 24 V, connection via 2-pin screw terminal or via 5 V USB (USB power supply included)
Power Consumption	< 1.5 W during normal operation (300 mA max.)
USB	USB 2.0, type B port
DMX512	2x 512 DMX channels, input and/or output
DMX512 Ports	2x ports (via 2x 3-pin screw terminals)
Ethernet	RJ45, 10/100 MBit/s (compatible with 1 GBit/s)
Dimensions (L x W x H)	92 mm x 70 mm x 45 mm
Weight	111 g 130 g incl. screw terminals and wall mounts
Operating Temp.	-10 °C to 70 °C
Storage Temp.	-20 °C to 85 °C
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)
Case	Non-conductive, UL94 V-0 flammability rating, designed for 35 mm DIN-rails or wall mounting
IP Rating	IP20
Certificates	CE, FCC, RoHS

Connectivity



- 1) Power
- 2) Ethernet port, incl. 2 status LEDs
- 3) USB port
- 4) Status LED for Power
- 5) Status LED for USB
- 6) Status LED for DMX 1
- 7) Status LED for DMX 2
- 8) DMX 1
- 9) Reset button
- 10) DIN-rail unlocking clip
- 11) DMX 2



RoHS compliant