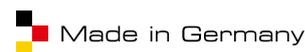




MADRIX STELLA

**The 2-port Art-Net node
or DMX512 USB interface
for solid-state projects.**



Key Features

2nd Edition – 06/2017

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

Art-Net Node

Art-Net data is directly converted to DMX512. Optimize for short distances to your LEDs and decentralize cabling to cover any distance to the device using Ethernet network.

Supply power over USB or 5 V to 24 V over a 2-pin screw terminal.

Easy Configuration

MADRIX STELLA offers powerful features, especially in combination with MADRIX. Take full advantage of pixel mapping and voxel mapping. Managing the device is still quick and easy.

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.

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.

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 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

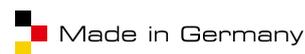
Package Contents

- MADRIX STELLA
- Set of screw terminals (2x 3-pin and 1x 2-pin)
- USB power supply, USB cable, world adapters kit
- 2 Wall-mount brackets
- Quick start guide
- CD-ROM incl. MADRIX Software and USB drivers (license not included)



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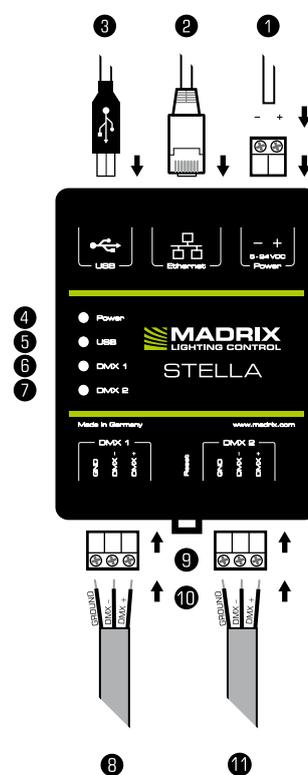
The 2-port Art-Net node or DMX512 USB interface for solid-state projects.



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/Art-Net	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) RJ45 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