MADRIX STELLA

The 2-port network node with RDM support for solid-state projects.

Made in Germany

Key Features

5th Edition – 11/2019

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 / 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. In addition, simply connect to MADRIX® 5 over USB.

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.

3rd-Party Controllers
MADRIX® STELLA complies with official protocol specifications and can be used as a regular node with your other consoles, controllers, or software solutions.

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. 9 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® 5 and MADRIX® 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.

RDM & Daisy-Chain Support
2 Ethernet ports allow for separate network connections as well as linearly daisy-chaining several devices together. On top, the device supports the Remote Device Management standard.

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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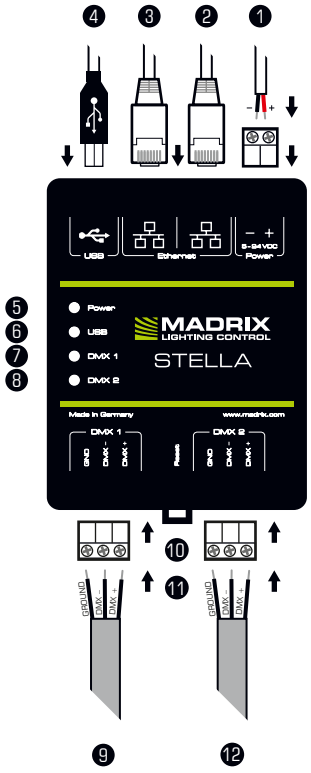
Technical Specifications

Supply Of Power	DC 5 V – 24 V, connection via 2-pin screw terminal (external power supply included) or via 5 V USB
Power Supply *As Provided / External*	AC Input: 110 – 240 V, 50/60 Hz, 0.6 A; DC Output: (3 V) / (4.5) / 5 V / 6 V / 7.5 V / 9 V / 12 V, 2.0 A max.
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, pluggable screw terminals)
Ethernet	2x RJ45, Auto MDI-X, 10/100 MBit/s (compatible with 1 GBit/s)
Dimensions (L x W x H)	90 mm x 70 mm x 46 mm
Weight	108 g | 125 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) Right Ethernet port, incl. 2 status LEDs
3) Left Ethernet port, incl. 2 status LEDs
4) USB port
5) Status LED for Power
6) Status LED for USB
7) Status LED for DMX 1
8) Status LED for DMX 2
9) DMX 1
10) Reset button
11) DIN-rail unlocking clip
12) DMX 2

CE FC RoHS compliant

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