



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

 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. 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.

Seamless Integration Of Art-Net & RDM

RDM is fully supported over Art-Net, including ArtRdm, all other required packets, and full and continued discovery of RDM devices. Use MADRIX STELLA and MADRIX RADAR together for additional benefits: 1) All RDM devices/sub-devices connected to STELLA are automatically unlocked in the RADAR Software for free, 2) With RADAR, the complete RDM specifications of ANSI E1.20 and ANSI E1.37-1 are available to you over Art-Net, 3) Thanks to STELLA's Packet Multitasking, RDM and Art-Net can be sent and received at the same time and during live operation.

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

- 1x MADRIX® STELLA
- 1x Set of pluggable screw terminals (2x 3-pin and 1x 2-pin)
- 1x USB 2.0 cable (certified)
- 2x Wall-mount brackets
- 1x Technical manual / quick start guide

Technical Specifications

Supply Of Power	DC 5 V – 24 V; over A) 2-pin, pluggable screw terminal or B) 5 V USB
Power Consumption	< 1.5 W (300 mA) during normal operation (500 mA max. fused)
Network Protocols	Art-Net (I, II, 3, 4, incl. ArtSync), Streaming ACN (sACN / ANSI E1.31)
RDM Role	Transmits commands and requests to RDM Responders and back (Art-Net Node / RDM Controller)
DMX512	2x 512 DMX channels, input and/or output (Automatically per port)
Ports	2x ports (Via 2x 3-pin, pluggable screw terminals)
Ethernet	2x RJ45, Auto MDI-X, daisy-chain support, 10/100 MBit/s (Compatible with 1 GBit/s)
Ethernet Switch	Lookup Table (ALU) for 1024 unicast MAC addresses
USB	1x port, USB 2.0, type-B female socket
Handling	5 status LEDs (+ 4 network status LEDs)
Case	Non-conductive, V-0 flammability rating (UL94 test method), designed for 35 mm DIN-rails or wall mounting
Dimensions	90 mm x 70 mm x 46 mm (Length x Width x Height)
Weight	108 g 125 g incl. screw terminals and wall mounts
Temperature Range	-10 °C to 70 °C (Operating) -20 °C to 85 °C (Storage)
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)
IP Rating	IP20
Certificates	CE, EAC, FCC, RoHS
Warranty	5 years of limited manufacturer's warranty

