



MADRIX STELLA 8

The 8-port flagship controller with RDM support for ultimate control over DMX

SKU: ENV-STELLA-8



5 Year
Warranty

8 Ports

Art-Net/
sACN

IP20

Product Data

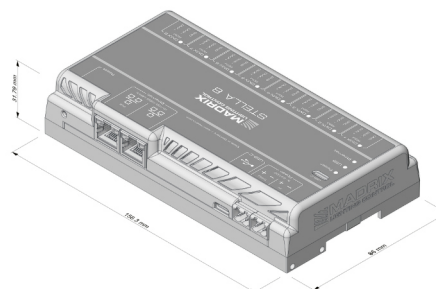
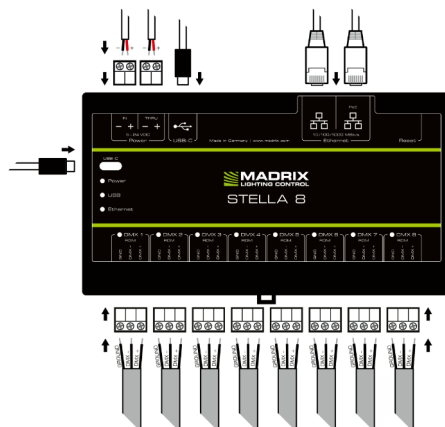
Supply of Power:	A) DC 5 V – 24 V over 2-pin, pluggable screw terminal incl. power daisy-chain (1x IN, 1x THRU), B) 5 V USB (2x USB-C), C) PoE (PoE 802.3af-2003) (1x Ethernet Right); Power backups are possible
Power Consumption:	≤ 5 W (1,000 mA) during normal operation (1.6 A max. fused)
BTU/h:	17 during normal operation
Network Protocols:	Art-Net (I, II, 3, 4 incl ArtSync), Streaming ACN (sACN / ANSI E1.31)
Other Protocols:	RDM (DMX512 Remote Device Management & Art-Net ArtRdm), syslog
RDM Role:	A) Transmits commands and requests to RDM Responders and back (Art-Net Node / RDM Controller), B) Acts on commands and replies to requests with its own status and sensor data via ArtRdm (RDM Responder)
Ethernet:	2x RJ45, Auto MDI-X, daisy-chain support, 1000/100/10 Mbit/s (= 1 Gbit/s max.), Network over USB (Virtual Link)
Ethernet Switch:	Lookup Table (ALU) for 4,096 unicast MAC addresses
USB:	2x ports, USB 1.1, USB 2.0, type-C female socket
Case:	Non-conductive, V-0 flammability rating (UL94 test method), designed for 35 mm DIN-rails or wall mounting
Handling:	12 status LEDs (+ 4 network status LEDs)
Dimensions:	86 mm x 156.3 mm x 31.79 mm (3.39" x 6.15" x 1.25") (Length x Width x Height)
Weight:	206 g (0.45 lb) 260 g (0.57 lb) incl. screw terminals and wall mounts
Temperature Range:	-10 °C to 70 °C (14 °F to 158 °F) (Operating) -20 °C to 85 °C (-4 °F to 185 °F) (Storage)
Relative Humidity:	5 % to 80 %, non-condensing (Operating / Storage)
IP Rating:	IP20
Certificates:	CE, FCC, UL
Warranty:	5 years of limited manufacturer's warranty

Key Features

- 8 DMX-IN/OUT Ports
- Art-Net, sACN & USB
- RDM & Real-Time Merging
- 1 Gbit Ethernet & PoE

Package Contents

- 1x MADRIX STELLA 8
- 1x Set of pluggable screw terminals (8x 3-pin and 2x 2-pin)
- 2x Wall-mount brackets
- 1x Technical manual / quick start guide



[VIEW PRODUCT OVERVIEW](#)