EtherN.8 RDM

19" Rack Mount. Ethernet to 8 Universes of DMX

Key Features

- Ethernet to 8 universes of DMX
- Configuration via Web Browser
- Optional configuration from ZerOS consoles
- Grounded DMX outputs
- Fully RDM compatible
- Desk Mount or 19" Rack Mount Form Factor
- Integral 90-250V AC Power supply
- Dimensions: 1RU (H) x 19" Rack (W) x 257mm (D)
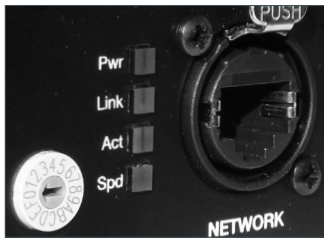- Weight: 2.8Kg / 5.2lb

Overview

EtherN.8 RDM from Eaton's Lighting Systems offers flexible Ethernet to DMX/RDM data conversion in a 19" format. Up to 8 universes of Art-Net DMX/RDM data can be output from the EtherN.8 RDM to your lighting system. The unit is configured through an internal web server or via optional control software. Simplicity is key to the EtherN.8 RDM.

The EtherN.8 RDM is fully compatible with the latest RDM protocol, ensuring your DMX distribution network is ready to meet your future demands. The slim 19" enclosure makes it ideal for combining with the Split2.8 RDM to build a larger data distribution system. When combined with any ZerOS family console, the EtherN.8 RDM provides on-board configuration from the console, for a truly integrated system.

Whatever your lighting system, the EtherN.8 RDM simplifies data distribution.

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Ordering Information

0019-000004-00   EtherN.8 RDM

Supplied Accessories

Installation / Operating Instructions
IEC C13 to Bare Ends Mains Lead
Rackmount Ears
Jumpers (for configuration pins)

Connections

- 2 x RJ45 Ethercon Art-Net
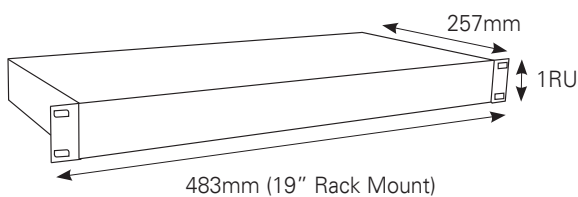- 1 x IEC C13 Male Mains Input
- 8 x 5pin Female XLR DMX Output

User Interface

- Web-Browser / DMX-Workshop
- Configuration: Jumpers / Switches
- Sub-Net, RDM Disable, IP Address
- ROM Boot, Factory Reset

Indication

- Power / Ethernet Link / Activity / Speed
- Art-Net Activity / DMX Transmitted

Dimensions

257mm

1RU

483mm (19″ Rack Mount)

Weight: 2.8Kg

Mechanical

- Housing: 19″ 1U Rack Enclosure
- Material: Metal
- Overall Dimensions: 1RU (H) x 19″ Rack (W) x 257mm (D)
- Mass: 2.8Kg
- Mounting: Desktop or 19″ Rack Mounting (with supplied rack ears)

Control

- 8 Universes (output)
- Input Protocols: Art-Net II
- Input Connector: RJ45 (Ethercon)
- Output Protocols:
  DMX512-A
  RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Output Connector: 5pin Female XLR
- Configuration
  Universe, Sub-Net, Config (Art-Net)
  DMX Output Specification (via Web Browser)
  Ethernet IP Address

Electrical

- Input Voltage: 90 - 250V AC
- Input Connector: IEC C13 Male
- Input Power (max): 30W
- Duty Cycle: 80% @ 25°C
- Mains Earthing: Case connected to Mains Earth
- Mains Fuse: 3.15A Slow Blow

Isolation

- External Ethernet port Isolated to 1kV
- DMX Output - Ground Referenced

Protection

- Mains 3.15A Slow Blow Fuse
- Internal Resettable Fuse - Control Electronics

Environmental

- Operating Temperature: 0°C to 40°C
- Storage Temperature: -10°C to +50°C
- Operating Relative Humidity (max): 80% Non Condensing
- IP Rating: IP20 Indoor Use Only
- Certification: CE FCC, WEEE, RoHS

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