RDMX Splitter 8

A rugged and versatile RDM and 5-pin DMX opto-splitter that isolates, amplifies, and splits signals with two inputs and eight outputs configurable for single or dual-universe operation. Ideal for complex lighting installations, it can be rack or truss-mounted to reliably manage signal distribution in touring, theatrical, and event production environments.

- Configures as a 1×8 single-universe or 2×4 dual-universe RDM/DMX splitter.
- Delivers 1,000V of electrical isolation between input and output ports.
- Includes PowerCON power linking to simplify power distribution in complex rigs.
- Designed for versatile rack or truss mounting with a rugged 1U steel housing.
- Features an auto-ranging power supply for global use from 100 to 240 VAC.
- Instantly switches between operating modes with a single button press.

SPECIFICATIONS

Optical

Dimensions: 19 x 5.75 x 1.77 in (483 x 146 x 45 mm)

Weight: 4.2 lb (1.9 kg)

Exterior Color: Black

Housing Material: Steel and aluminum

Rackmount: 1U

Connections

Power Connection: Edison (Local) plug to Neutrik powerCON

Power Input: Neutrik powerCON

Power Output: Neutrik powerCON

Device Data Inputs: 5-pin XLR (2 total)

Device Data Outputs: 5-pin XLR (8 total)

Cable Length (power): 5 ft (1.5 m)

Control

Control Protocol: DMX, RDM Pass-thru

Modes: 2 (1×8, 2×4)

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power Linking: 15A

Power and Current: 11 W, 0.09 A @ 120 V, 60 Hz

Power and Current: 14 W, 0.06 A @ 208 V, 60 Hz

Power and Current: 14 W, 0.06 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE

IP Rating: IP20, dry location

Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)