Reversible Module
DMX/RDM Splitter - XLR3

XVVRM-OPTO3

THEATRIXX

● DMX ———— (D) distribution amplifier

The DMX/RDM Splitter - XLR3 Reversible Module fits in the 8-Bay Reversible Rackmount Converter system.

The DMX/RDM Splitter is a high quality, rugged distribution device for your DMX-512 and RDM signals. The input and each output are optically isolated up to 1000 volts, ensuring line failures are contained and do not take down the whole network. RDM data is forwarded to each port, and a special "Timing Safe Mode" bypasses RDM transmissing and boosts the DMX signal quality to ensure compatibility with older-generation fixtures. It is also a handy troubleshooting feature that can be easily switched on or off at the push of a button. Available in both traditionnal 1RU, 8 channel form factor, or as a modular, 3 channel unit compatible with Theatrixx's Award-Winning 8-Bay Reversible Converter System, the product opens up interesting possiblities for high-universe count, high density configurations. For maximal compatibility, the device is offered with a choice of 3-pin or 5-pin XLR connectors.

Specifications

Connections

Input	1 x 3-pin XLR male
Loop-thru	1 x 3-pin XLR female
Isolated Output	3 x 3-pin XLR female

Supported Signals

DMX Termination	Switchable on/off
RDM Support	Yes
RDM Bypass	Switchable on/off
Port Isolation Voltage	Up to 1kV
Timing Safe Mode	33 FPS, 512 Slots, 88uS Break, 44 us MAB

Physical Specifications

Height	121.5 mm (4.78 in)
Depth	225 mm (8.85 in)
Width	41 mm (1.61 in)

Weight	710 g (1.56 lbs)
Alternate Form Factor	Also available as a 1U 8 channel rackmount converter

Environmental Specifications

Relative Humidity	0% to 90% non-condensing
Operating Temperature	0-40 °C

Power Requirements

Power Supply	Reversible redundant power fed by XVVRF8 (8-Bay Rackmount Frame)
Power Consumption	<10W
Voltage Range	12VDC

In the Box

Theatrixx Reversible Module DMX/RDM Splitter - XLR3

Certifications & Compliance

This device complies with the following international standards

FC CE

Ordering Information

XVVRM-OPTO3 .... Theatrixx Reversible Module DMX/RDM Splitter - XLR3

XVVRF8 .... Theatrixx 8-Bay Reversible Frame

XVVRM-BLANK .... Theatrixx Blank Module