

Reversible Module

DMX/RDM Splitter - XLR5

XVVRM-OPT05



● DMX ———— (D) distribution amplifier



The DMX/RDM Splitter - XLR5 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 transmitting 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 traditional 1RU, 8 channel form factor, or as a modular, 3 channel unit compatible with Theatrical's Award-Winning 8-Bay Reversible Converter System, the product opens up interesting possibilities 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 5-pin XLR male
Loop-thru	1 x 5-pin XLR female
Isolated Output	3 x 5-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	710g (1.56lbs)
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

Theatrical Reversible Module DMX/RDM Splitter - XLR5

Certifications & Compliance

This device complies with the following international standards



Ordering Information

XVVRM-OPT05	Theatrical Reversible Module DMX/RDM Splitter - XLR5
XVVRF8	Theatrical 8-Bay Reversible Frame
XVVRM-BLANK	Theatrical Blank Module