

# Reversible Module

## DMX/RDM Splitter - XLR5



XVVRMOPTO5

● 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

<b>Input</b>	1 x 5-pin XLR male
<b>Loop-thru</b>	1 x 5-pin XLR female
<b>Isolated Output</b>	3 x 5-pin XLR female

#### Supported Signals

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

#### Physical Specifications

<b>Height</b>	121.5 mm (4.78 in)
<b>Depth</b>	225 mm (8.85 in)
<b>Width</b>	41 mm (1.61 in)

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

#### Environmental Specifications

<b>Relative Humidity</b>	0% to 90% non-condensing
<b>Operating Temperature</b>	0-40 °C

#### Power Requirements

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

#### In the Box

Theatrical Reversible Module DMX/RDM Splitter - XLR5

#### Certifications & Compliance

This device complies with the following international standards



### Ordering Information

XVVRMOPTO5 .....	Theatrical Reversible Module DMX/RDM Splitter - XLR5
XVVRF8 .....	Theatrical 8-Bay Reversible Frame
XVVRMBLANK .....	Theatrical Blank Module