RackMount Video Converter
8-Bay Reversible Frame (3 RU)

TXVV-RF8

The Theatrixx Reversible Converter system is the natural extension of the award-winning xVision Converter line, now available in a modular rackmount format with the same processing quality and reliability that is the hallmark of the xVision brand. In a continuous effort by Theatrixx to eradicate unprofessional wall-warts from our industry, the modular design allows each system to be configured exactly as needed, and even reconfigured on-the-fly, with a host of modules available, featuring SDI, HDMI, Fiber, HDBaseT and more.
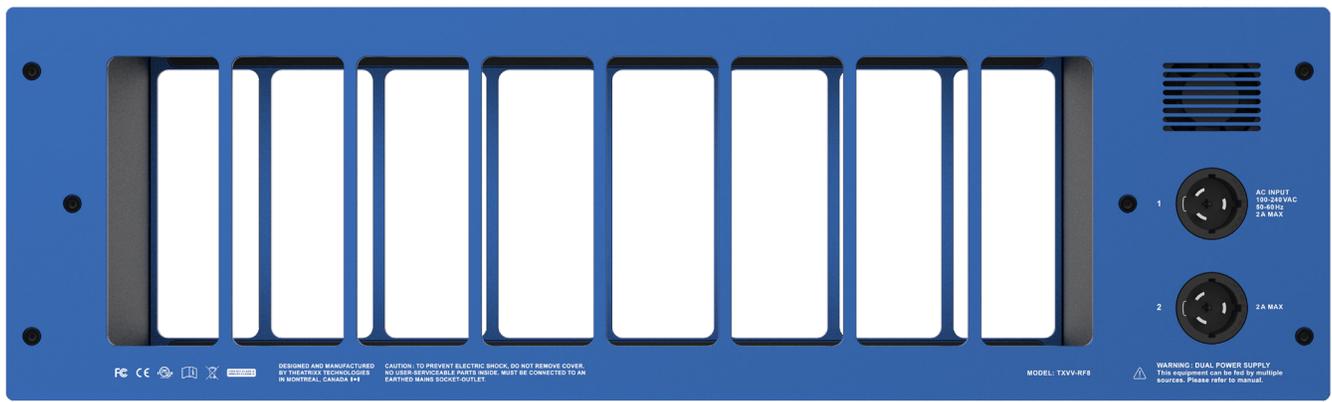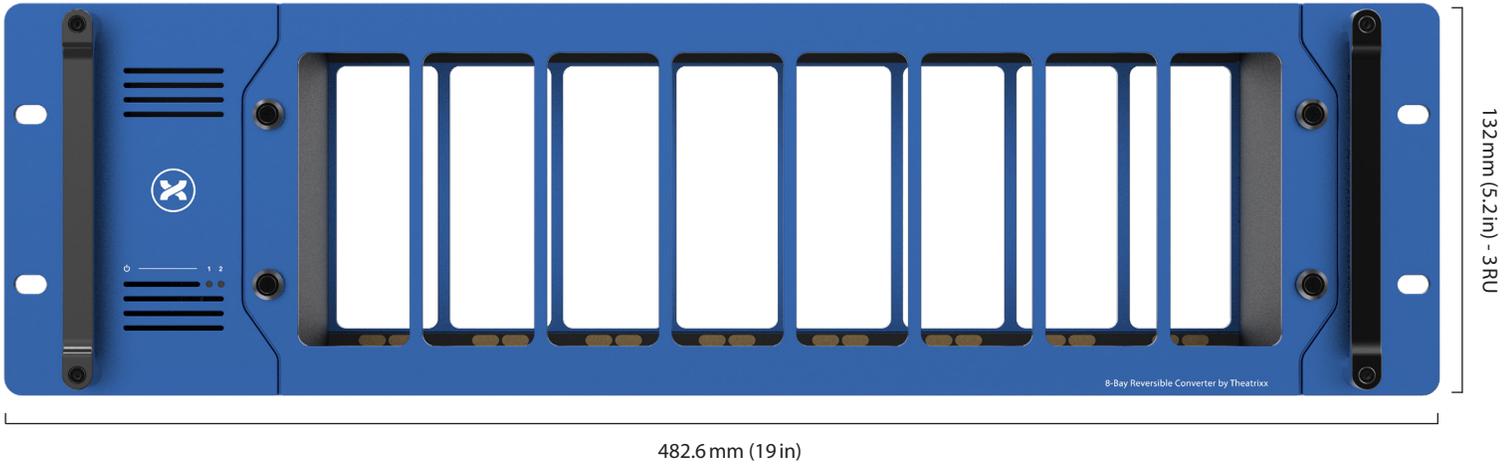
The 8-slot, 3RU host unit features dual, oversized power supplies for unbeatable reliability and virtually uninterrupted uptime. Power supplies are configured for automatic switchover in case of failure with LEDs at the front of the unit indicating status. Mains power is delivered via dual locking PowerCON True1 connectors.

The modules can be inserted in either direction, allowing the inputs/outputs to be positioned either at the front or the back of the unit depending on the application. There are no exposed PCBs as all modules are enclosed, and therefore protected against static shock, dust and general wear and tear. Gold-plated, redundant spring pins with magnetic retention deliver DC power to the modules, meaning no messy cabling and external power bricks are needed.

The Theatrixx Reversible Converter system is perfect for high-end installations rental, touring, broadcast and any other application requiring a professional and reliable high-density video conversion/processing solution. The system is future-proof and more modules will be added regularly. The Theatrixx 8-Bay Reversible Frame eliminates the need for rack shelves, wall warts and velcro, providing a professional solution for video distribution and conversion.

Features

✓ **Self-enclosed** conversion modules, no exposed PCB
✓ Spring-loaded contacts deliver power to modules - **no cables or power strips!**
✓ **Magnets** ensure the **modules stay securely in place** and powered on, even with the door open
✓ **Reversible modules;** you decide if the inputs should be at the front or the back!
✓ **Dual locking Neutrik PowerCON True1** mains input connectors
✓ **Shallow design** can be placed behind processors, scalers or other devices to save rack space
✓ **Fully modular** - mix and match signal converters, fiber, DAs, de-embedders, and more
✓ **The same processing quality and reliability** you've come to expect from xVision Converters

132 mm (5.2 in) - 3 RU

482.6 mm (19 in)

8-Bay Reversible Converter by Theatrixx

AC INPUT
100-240 VAC
50-60Hz
2 A MAX

2 A MAX

DESIGNED AND MANUFACTURED
BY THEATRIXX TECHNOLOGIES
IN MONTREAL, CANADA

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE COVER.
NO USER-SERVICEABLE PARTS INSIDE. MUST BE CONNECTED TO AN
EARTHED MAINS SOCKET-OUTLET.

MODEL: TXVV-RF8

WARNING : DUAL POWER SUPPLY
This equipment can be fed by multiple
sources. Please refer to manual.

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Physical Specifications

Capacity	8 slots for Theatrixx Reversible Modules
Height	132 mm (5.2 in) - 3 RU
Depth	178 mm (7 in)
Width	482.6 mm (19 in)
Weight (empty)	5 kg (11 lbs)
Weight (fully loaded)	10.2 kg (22.5 lbs)

Environnemental Specifications

Operating temperature	0-40C
Operating humidity	0-90% RH non-condensing

Power Requirements

Power Supply	Dual built-in power supplies in hot backup configuration 2 x PowerCON True1 input
Power Consumption	200W max. per input
Operational Voltage Range	90-250V 50-60Hz

In the Box

- Reversible 8-Bay Converter Frame
- Power Cable
  (extra power cable on request)

Certification

This device complies with the following international standards	CAN/CSA-C22.2 NO.60950 UL 60950 FCC Part 15 Class A CE

subject to change without notice

Available Modules

SDI › HDMI
TXVV-RM-SDI2HDMI

HDMI › SDI
TXVV-RM-HDMI2SDI

SDI › Dist. Amplifier 1 : 4
TXVV-RM-SDIDA

SDI / HDMI Bidirectional
TXVV-RM-SDIXHDMI

SDI Signal Repeater
TXVV-RM-SDI2SDI

BLANK
TXVV-RM-BLANK

BLANK

SDI Audio DeEmbedder
TXVV-RM-SDI2AUDIO

SDI Audio Embedder
TXVV-RM-AUDIO2SDI

DisplayPort › QUAD-SDI
TXVV-RM-DP2QSDI

SDI Line Delay
TXVV-RM-DSIDLY

SOON

SDI

SDI › Fiber
TXVV-RM-SDI2FIBER

Fiber › SDI
TXVV-RM-FIBER2SDI

12G-SDI › Fiber 4K
TXVV-RM-SDI2FIBER

Fiber › 12G-SDI 4K
TXVV-RM-FIBER2SDI

HDMI › Fiber 4K
TXVV-RM-HDMI2FIBER

Fiber › HDMI 4K
TXVV-RM-FIBER2HDMI

SOON

SOON

FIBER

** FIBRE CONNECTOR AVAILABLE :
ST/DUO/QUAD (OPTIONAL)

** FIBRE CONNECTOR AVAILABLE :
DUO/QUAD

Streaming Server
TXVV-RM-VDO2IP

SOON

HDMI › Dist. Amplifier 1 : 4 4K
TXVV-RM-HDMIDA

HDMI › HDBT
TXVV-RM-HDMI2MDBT

HDBT › HDMI
TXVV-RM-HDBT2HDMI

IP

HDMI

HDBT