



SDI Audio Embedder Rack Module

Theatrixx



#XVVRM-AUDIO2SDI

The SDI Audio Embedder Rack Module is a unit option for the 8-Bay Reversible Rackmount Converter system. The module can be inserted in the 8-Bay Frame 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.

Connections

Video Input

Auto switching between 3G/HD/SD SDI BNC
HDMI 1.4 input

Video Output

3G/HD/SD SDI BNC

Audio Input

2 x Balanced + 4dB XLR (analog)
each with a 3-segment LED meter



Power Requirements

Power Supply

Reversible redundant power fed by TXVV-RF8 (8-Bay Rackmount Frame)

Power Consumption

20 W

Operational Voltage Range

12 VDC

Environmental

Relative Humidity

0 % to 90 % non-condensing

Supported Signals

3G Format Support

1080p50, 1080p59.94, 1080p60.

HD Format Support

720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080PsF23.98, 1080p24, 1080PsF24, 1080p25, 1080PsF25, 1080p29.97, 1080PsF29.97, 1080p30, 1080PsF30

SD Format Support

525/23.98 NTSC, 525/29.97 NTSC.625/25 PAL

SDI Video Sampling

4:2:2 and 4:4:4

SDI Audio Sampling

Sample rate of 48 kHz and 24 bit



SDI Color Space

YUV and RGB

SDI Auto Switching

Automatically detects incoming signal format

Embedding to

SDI Channels 1 & 2

SMPTE Standards

425 M Level A & B, 424 M Level A, 292 M, 259 M

Physical

Width

41 mm (1.61 in)

Height

121.5 mm (4.78 in)

Depth

225 mm (8.85 in)

Weight

710 g (1.56 lbs)

In the box

Theatrixx Reversible Module SDI Audio Embedder

Certifications



DESIGNED & MANUFACTURED
IN CANADA 