

Reversible Module

12G-SDI Distribution Amplifier 1:8

XVVRM-SDIDA8-12G



● SDI ———— (D) distribution amplifier



The 12G-SDI Distribution Amplifier 1:8 Reversible Module fits in the Theatrical 8-bay Frame.

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.

Specifications

Connections

Video Input 1 x 12G/6G/3G/HD/SD SDI BNC

Video Output 8 x 12G/6G/3G/HD/SD SDI BNC (reclocked and amplified)

Supported Signals

12G Format Support 4096x2160p60, 4096x2160p59.94, 4096x2160p50, 3840x2160p60, 3840x2160p59.94, 3840x2160p50

6G Format Support 4096x2160p60, 4096x2160p59.94, 4096x2160p50, 3840x2160p60, 3840x2160p59.94, 3840x2160p50

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

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

Embedded Audio Up to 16 channels, 24 bit, 48 kHz

SMPTE Standards 2082-1, 2082-10, 425 M Level A & B, 424 M, 292 M, 259 M

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 standalone converter

Environmental Specifications

Relative Humidity 0% to 90% non-condensing

Operating Temperature 0-40 °C

Power requirements

Power Supply Reversible redundant power fed by XVVRF2 or XVVRF8 (2-Bay or 8-Bay Rackmount Frame)

Power Consumption 20W

Voltage Range 12VDC

In the Box

Theatrical Reversible Module SDI Distribution Amplifier 1:4

Certifications & Compliance

This device complies with the following international standards



Ordering Information

XVVRM-SDIDA8-12G Theatrical Reversible Module 12G-SDI Distribution Amplifier 1:8

XVVRF8 Theatrical 8-Bay Frame

XVVRM-BLANK Theatrical Blank Module