

Reversible Module

12G-SDI Distribution Amplifier 1:4

XVVRM-SDIDA4-12G



● SDI ———— (D) distribution amplifier



The 12G-SDI Distribution Amplifier 1:4 Reversible Module fits in 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.

Specifications

Connections

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

Video Output 4 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 425 M Level A & B, 424 M Level A, 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 XVVRF8 (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-SDIDA4-12G | Theatrical Reversible Module 12G-SDI Distribution Amplifier 1:4 |
| XVVRF8 | Theatrical 8-Bay Reversible Frame |
| XVVRM-BLANK | Theatrical Blank Module |