

Reversible Module

12G-SDI Distribution Amplifier 1:4

XVVRMSDIDA412G



● SDI ———— (D) distribution amplifier



The 12G-SDI Distribution Amplifier 1:4 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	4 x 12G/6G/3G/HD/SD SDI BNC (relocked 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

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

XVVRMSDIDA412G	Theatrical Reversible Module 12G-SDI Distribution Amplifier 1:4
XVVRF8	Theatrical 8-Bay Frame
XVVRMBLANK	Theatrical Blank Module