

Reversible Module

SDI Line Delay

XVVRM-SDIDL



● SDI ———— (T) time delay



The SDI Line Delay 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 3G/HD/SD SDI BNC
Loop-thru	1 x 3G/HD/SD SDI BNC (no delay)
Video Output	4 x 3G/HD/SD SDI BNC (delayed & mirrored)

Processing

Maximum Delay	160 frames (2690 ms @ 60 Hz)
Delayed Elements	Entire SDI payload, including audio & meta
Adjustment	By the frame or by the millisecond, using onboard OLED display and rotary wheel

Supported Signals

3G Format Support	1920x1080 p @ 60/50 fps
HD Format Support	1920x1080 p @ 30/25/24 fps, 1920x1080 i @ 60/50 fps, 1280x720 p @ 60/50 fps, 1280x720 i @ 60/50 fps, 1280x720 p @ 30/25/24 fps
SD Format Support	720x480 i @ 60 fps, 720x576 i @ 50 fps
Embedded Audio	Up to 16 channels, 24 bit, 48 kHz
SMPTE Standards	ST425 M Level A & B, ST424 M, ST292 M, ST259 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 Line Delay

Certifications & Compliance

This device complies with the following international standards



Ordering Information

XVVRM-SDIDL	Theatrical Reversible Module SDI Line Delay
XVVRF8	Theatrical 8-Bay Frame
XVVRM-BLANK	Theatrical Blank Module