

# Reversible Module

## SDI Line Delay

XVVRM-SDIDL



● SDI ———— (T) time delay



The SDI Line Delay 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

|                     |   |
|---------------------|---|
| <b>Video Input</b>  | 1 x 3G/HD/SD SDI BNC                      |
| <b>Loop-thru</b>    | 1 x 3G/HD/SD SDI BNC (no delay)           |
| <b>Video Output</b> | 4 x 3G/HD/SD SDI BNC (delayed & mirrored) |

#### Processing

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

#### Supported Signals

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

#### Physical Specifications

|                              |  |
|------------------------------|--|
| <b>Height</b>                | 121.5 mm (4.78 in)                       |
| <b>Depth</b>                 | 225 mm (8.85 in)                         |
| <b>Width</b>                 | 41 mm (1.61 in)                          |
| <b>Weight</b>                | 710 g (1.56 lbs)                         |
| <b>Alternate Form Factor</b> | Also available as a standalone converter |

#### Environmental Specifications

|                              |                          |
|------------------------------|--------------------------|
| <b>Relative Humidity</b>     | 0% to 90% non-condensing |
| <b>Operating Temperature</b> | 0-40 °C                  |

#### Power Requirements

|                          |  |
|--------------------------|--|
| <b>Power Supply</b>      | Reversible redundant power fed by XVVRF8 (8-Bay Rackmount Frame) |
| <b>Power Consumption</b> | 20W  |
| <b>Voltage Range</b>     | 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 Reversible Frame           |
| XVVRM-BLANK | Theatrical Blank Module                     |