

MULTI-X 3D

3D Video Processor & Multiplexer



...completes your 3D workflow.

The HD Multi-X 3D is a universal stereoscopic video processor used for 3D production and broadcast applications. It enables live 3D monitoring of two HDSDI signals via one single DVI stream in various configurations. Helpful features such as vertical markers, channel shift, the internal synchronizer, independent channel swap, integrates perfectly into any 3D workflow.

For single stream recording or transmission, a compressed side-by-side output is provided in HDSDI. In reverse mode, this signal is re-formatted to DVI in various configurations and the two HDSDI signals. The Multi-X 3D internally synchronizes the two input channels to reference channel A. Each channel can be shifted in horizontal and vertical direction via the remote GUI. The DVI output can be overlaid with vertical markers in a distance of 32 pixels. Most of the common 3D formats are supported - even anaglyph and frame sequential with field index.

technical

Input

- multiplex mode** 2x HDSDI SMPTE 292M
- demultiplex mode** 1x HDSDI SMPTE 292 side-by-side compressed

Output

- multiplex mode** 2x HDSDI SMPTE 292M loopthrough
1x HDSDI compressed side-by-side
1x DVI-D in various modes
- demultiplex mode** 2x HDSDI from compressed s-b-s
1x DVI-D from s-b-s in various modes

frame index in frame sequential mode 25Hz TTL

DVI-D output

- 0 control with external GUI
- 1 Input 1
- 2 Input 2
- 3 horizontal split A/B
- 4 vertical split A/B
- 5 Mix 50% A/B
- 6 difference A - B
- 7 frame sequential AB
- 8 anaglyph cyan/red
- 9 line-by-line
- A checkerboard
- B Input C side-by-side return

Shift range

between input A / B

horizontal +/- 256px in steps of 2px

vertical +/- 16 lines

physical

Dimensions 140x120x30 mm

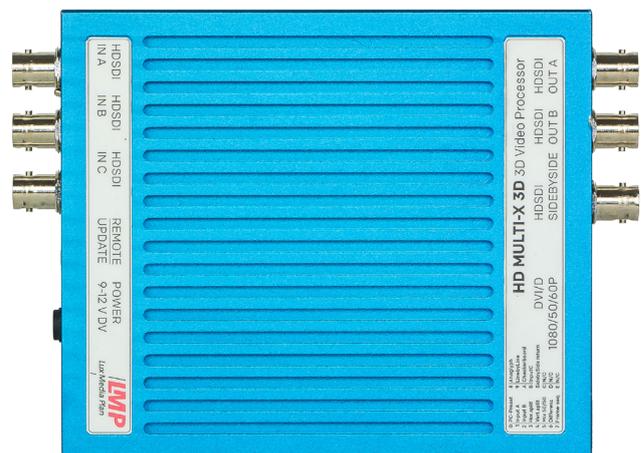
Weight 420 g

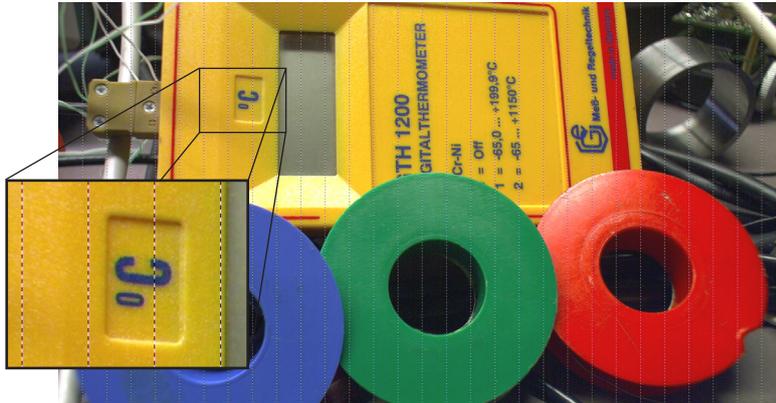
Power 12V DC / 12 Watt

Power connector Binder 710 3pin M

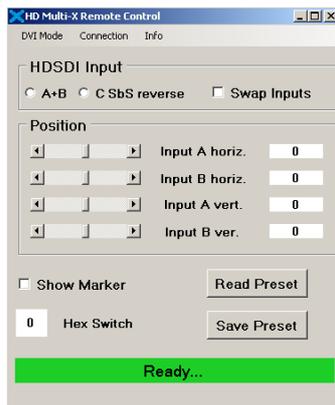
Control Binder 710 8pin F *contains*
remote RS232
update & remote USB/TTL
frame index 25Hz TTL to ground

Remote GUI RS 232
COM port / 9600 Baud
USB/TTL
COM port / 1.000.000 Baud





DVI-D output with vertical markers



Multi-X 3D GUI
remote control software



Multi-X 3D GUI
choose your format...

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/

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LMP – Lux Media Plan – is a leading supplier of innovative serial digital solutions. Since 1986, the German-based company has been developing standardized and custom-made applications for notable clients in Europe, the United States, Asia and the Middle East.

Over 30 years of experience in motion picture production have rendered LMP a most insightful and versatile partner for sophisticated TV, video and audio productions. LMP's high-quality solutions meet the individual requirements of a broad spectrum of clients including broadcasting corporations, film and TV productions, R&D departments of universities and companies active in medicine, aviation or security. The range of products comprises customized devices as well as proprietary developments and single items manufactured to specification.