



kramer

VS-48HDxl

4x8 3G HD-SDI Matrix Switcher

| 3G HD-SDI - BNC | Ethernet - RJ-45



The VS-48HDxl is a high-performance matrix switcher for 3G HD-SDI video signals. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized digital video sources

FEATURES

Max. Data Rate - 3Gbps

HDTV Compatible

Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M), and Dual Link HD-SDI (SMPTE 372M)

Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances

Switching Synchronization - Synchronizes either to external reference or incoming video

Active Input Type™ Reporting - Each input button on the front panel automatically lights up when the unit detects a video signal on that input. Green indicates a standard definition (SDI) input signal and blue indicates a high-definition (HD-SDI) input signal

Take Button - Executes multiple switches all at once

Multiple Memory Locations - Stores multiple switches as presets (salvos) to be recalled and executed when needed

Analog Sync Type - Bi-level, tri-level

Selectable Sync Signal Termination

Looping Sync Input

Vertical Interval Switching - SMPTE RP-168

Front Panel Control Lockout

Flexible Control Options - Front Panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet, contact closure & IR remote (available upon request)

Worldwide Power Supply - 100-240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included



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TECHNICAL SPECIFICATIONS

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|-----------------------|---|
| INPUTS: | 4 SD/HD/3G HD-SDI (dual link), 75Ω on BNC connectors; 1 genlock with loop, 75Ω/Hi-Z on BNC connectors, bi-level or tri-level sync |
| OUTPUTS: | 8 SD/HD/3G HD-SDI (dual link), 75Ω on BNC connectors, equalized and reclocked |
| MAX. OUTPUT LEVEL: | 800mVpp/75Ω |
| DATA RATE: | Up to 2.97Gbps |
| CONTROLS: | Front-panel, RS-232; RS 485, Ethernet, infrared remote, contact closure, and panel lock |
| INDICATORS: | 8-character display on the front panel |
| POWER CONSUMPTION: | Universal, 100-240V AC, 50/60Hz, 22VA |
| INCLUDED ACCESSORIES: | Power cord, IR remote, null-modem adapter, rack "ears" |
| Product Dimensions | 19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H |
| Product Weight | 1.8kg (4.0lbs) approx |
| Shipping Dimensions | 55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H |
| Shipping Weight | 2.6kg (5.7lbs) approx |

