VS-48HDxl

4x8 3G HD-SDI Matrix Switcher

| 3G HD-SDI | RS-232 | RS-485 | ETH | REMOTE | INFRA RED |

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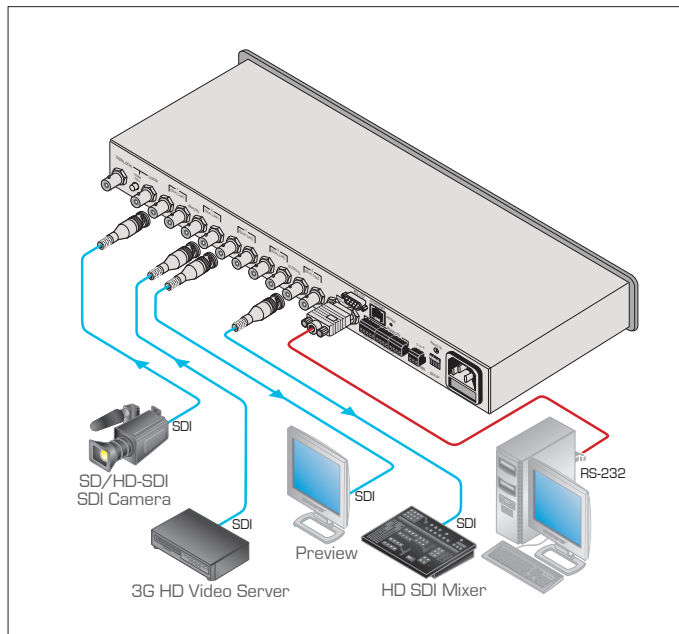
The VS-48HDxl is a high-performance matrix switcher for digital video signals up to 3G HD-SDI signals. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized digital video sources.

FEATURES

- **Max. Data Rate** - 2.97Gbps.
- **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.
- **Multiple Memory Locations** - Stores multiple switches as presets (salvos) to be recalled and executed when needed.
- **Take Button** - Executes multiple switches all at once.
- **Analog Sync Type** - Bi-level, tri-level.
- **Selectable Sync Signal Termination.**
- **Vertical Interval Switching** - SMPTE RP-168.
- **Front Panel Control Lockout.**
- **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.
- **Flexible Control Options** - Front Panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet, contact closure & IR Remote (included).
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19 inch Rack Mount Size.** - 1U. Rack "ears" included.

SD/HD-SDI SDI Camera

3G HD Video Server

Preview

HD SDI Mixer

RS-232

TECHNICAL SPECIFICATIONS

INPUTS:	4 SMPTE-259M/292M/424M/372M (for dual-link HD-SDI signals) serial video, 75Ω on BNC connectors; 1 genlock 75Ω/Hi-Z on a BNC connector, bi-level or tri-level sync.
OUTPUTS:	8 equalized and reclocked SMPTE-259M, 292M outputs 75Ω on BNC connectors; 1 looped genlock 75Ω/Hi-Z on a BNC connector.
MAX. OUTPUT LEVEL:	800mVpp/75Ω.
DATA RATE:	Up to 2.97Gbps.
CONTROLS:	Front-panel, RS-232; RS 485, Ethernet, infrared remote, dry contact, and panel lock.
POWER SOURCE:	Universal, 100-240V AC, 50/60Hz, 22VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.6kg (5.7lbs) approx.
ACCESSORIES:	Power cord, null-modem adapter, rack "ears".