KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

VS-44HDxl

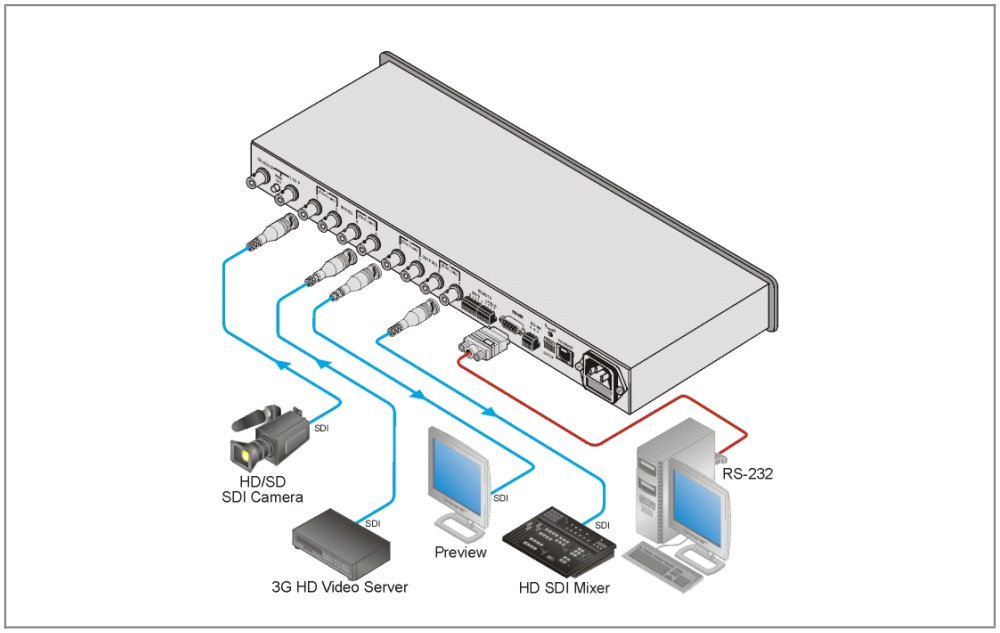
4x4 3G HD−SDI Matrix Switcher

The VS−44HDxl is a high−performance matrix switcher for 3G HD−SDI and HD−SDI dual link video signals. The unit can switch any or all inputs to any or all outputs. 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.
- 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.
- 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 (included).
- Worldwide Power Supply - 100−240V AC.
- Standard 19” Rack Mount Size - 1U. Rack “ears” included.

VS-44HDxl

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:	4 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.
INDICATORS:	4−character display on the front panel.
POWER CONSUMPTION:	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, IR remote, null−modem adapter, rack "ears".