VS-44HDxl

4x4 3G HD-SDI Matrix Switcher

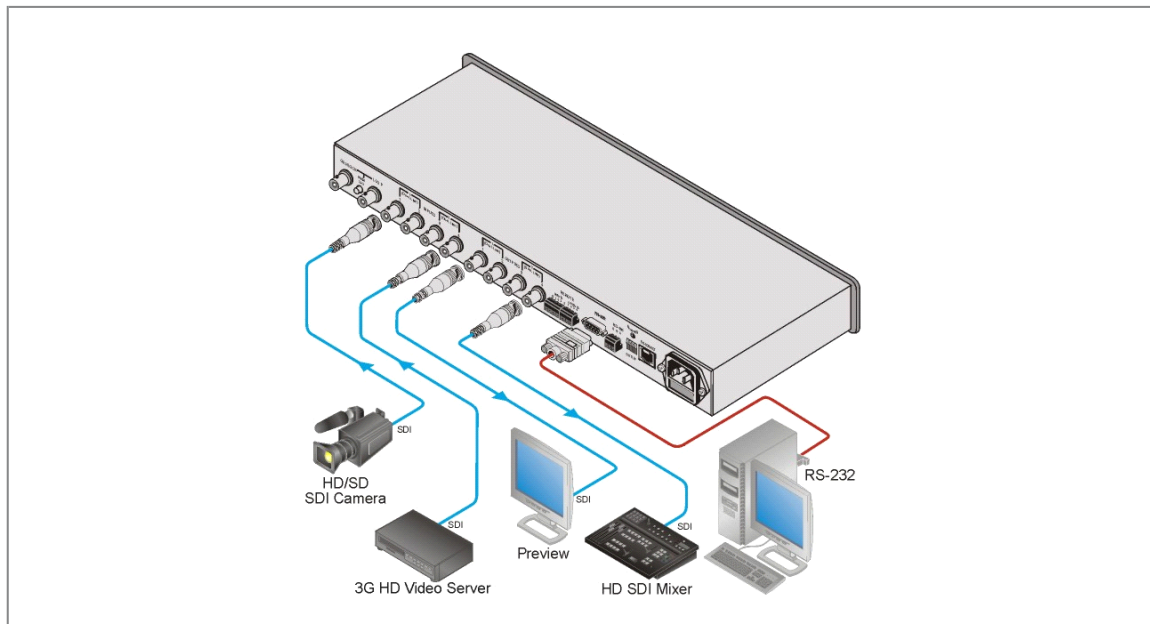| ETH | INFRA RED | REMOTE | RS-232 | RS-485 | HDTV COMPATIBLE | SYNC | 3G HD-SDI |

The VS-44HDxl is a high-performance matrix switcher for digital video signals up to 3G HD-SDI signals, as well as a dual link 2x2 matrix switcher. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized digital video sources.

VS-44HDxl

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.
- 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.

TECHNICAL SPECIFICATIONS

INPUT:	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.
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, IR remote, null-modem adapter.