

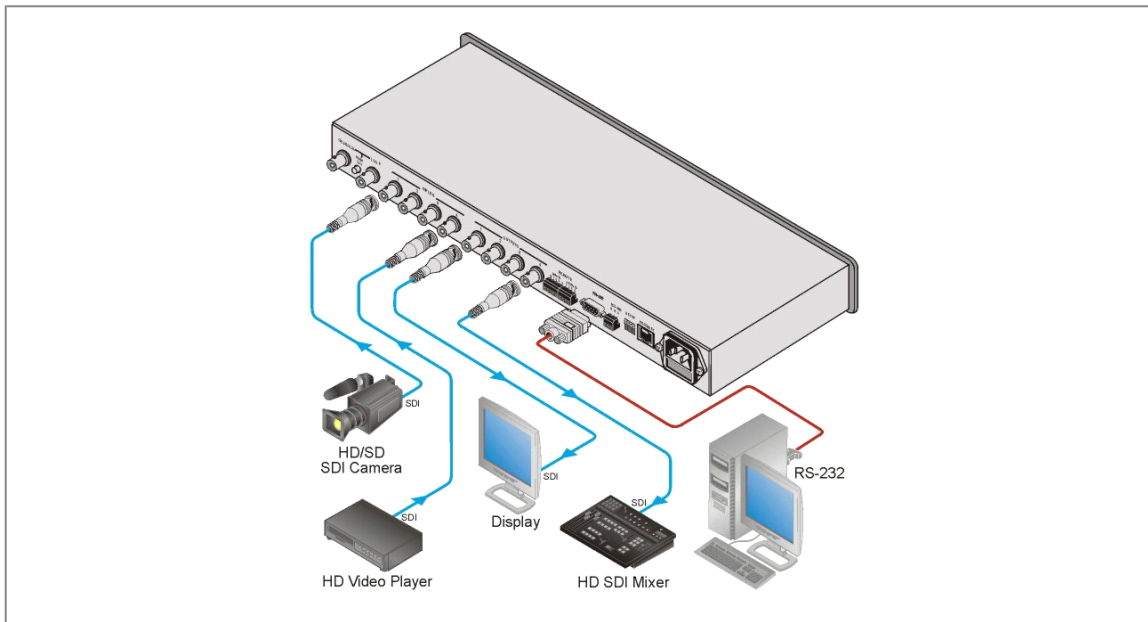


VS-44HD

4x4 HD-SDI Matrix Switcher



The **VS-44HD** is a high-performance 4x4 matrix switcher for HD-SD 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-44HD

FEATURES

- Max. Data Rate - 1.485Gbps.
- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M) & dual link (SMPTE 372M).
- Reclocking & Equalization - Automatic.
- 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.
- Memory Locations - Stores multiple switches as presets (salvos) to be recalled and executed when needed.
- Take Button - Executes multiple switches all at once.
- Control - Front Panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet, contact closure & IR remote (included).
- Analog Sync Type - Bi-level, tri-level.
- Selectable Sync Signal Termination.
- Front Panel Control Lockout.
- Vertical Interval Switching.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUTS:	4 SDI SMPTE-259M, 292M, 344M serial video, 75Ω on BNC connectors; 1 GENLOCK 75Ω/Hi-Z on a BNC connector.
OUTPUTS:	4 equalized and reclocked SMPTE-259M, 292M, 344M outputs 75Ω on BNC connectors; 1 looped GENLOCK 75Ω/Hi-Z on a BNC connector.
MAX. OUTPUT LEVEL:	800mVpp/75Ω.
MAX. DATA RATE:	Up to 1.485Gbps.
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.