

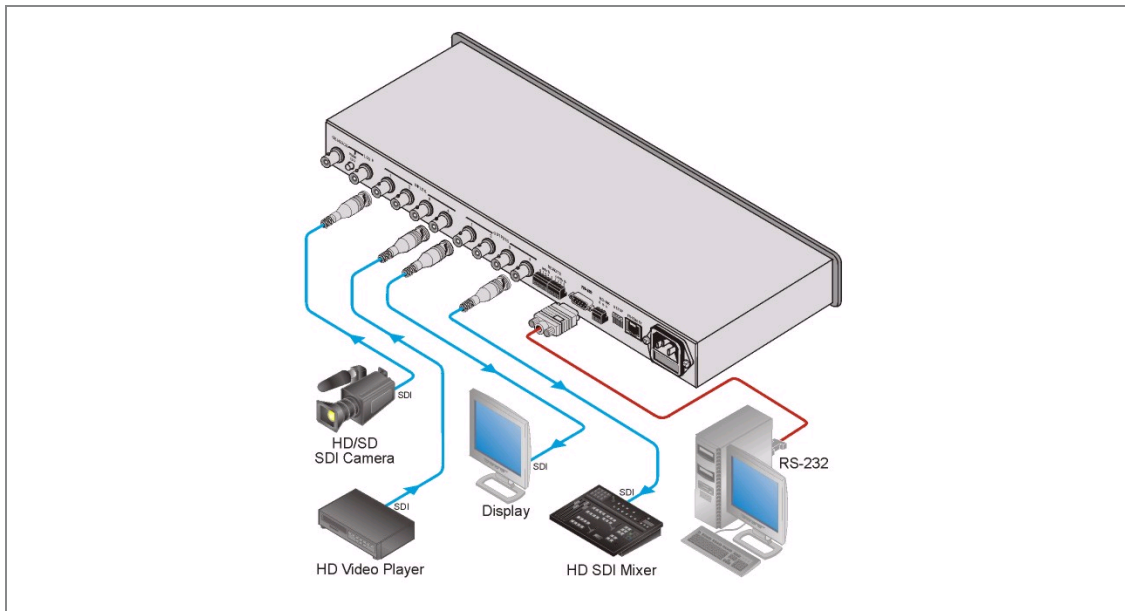


VS-44HD

4x4 HD-SDI & SDI Digital Video Matrix Switcher



The **VS-44HD** is a high performance matrix switcher for HD-SDI and SDI digital video signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.





VS-44HD

FEATURES

- **Max Data Rate** - Up to 1.485Gbps.
- **HDTV Compatible.**
- **Reclocking & Equalization** - Automatic.
- **Switching Synchronization** - Synchronize 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. Red indicates a standard definition (SDI) input signal and blue indicates a high definition (HD-SDI) input signal.
- **Memory Locations** - Store multiple switches as presets (salvos) to be recalled and executed when needed.
- **Take Button** - Execute 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).
- **Looping Analog Sync Input.**
- **Selectable Sync Signal Termination.**
- **Front Panel Control Lockout.**
- **Standard 19" Rack Mount Size - 1U.**
- **Worldwide Power Supply - 90-240V AC.**
- **Standard 19" Rack Mount Size - 1U.** Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUT:	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 75 Ω/ Hi-Z on a BNC connector
MAX. OUTPUT LEVEL:	800mVpp /75Ω
DATA RATE:	Up to 1.485Gbps
CONTROLS:	Front-panel, RS-232; RS-485, ETHERNET, infra-red remote, dry contact, and panel lock
POWER SOURCE:	Universal, 90-240VAC, 50/60Hz 22VA
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable
WEIGHT:	2.6 kg. (5.7 lbs.) approx.
ACCESSORIES:	Power cord, Null-modem Adapter