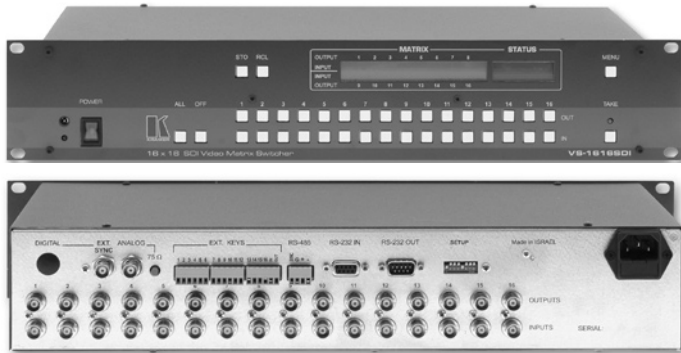


VS-1616SDI

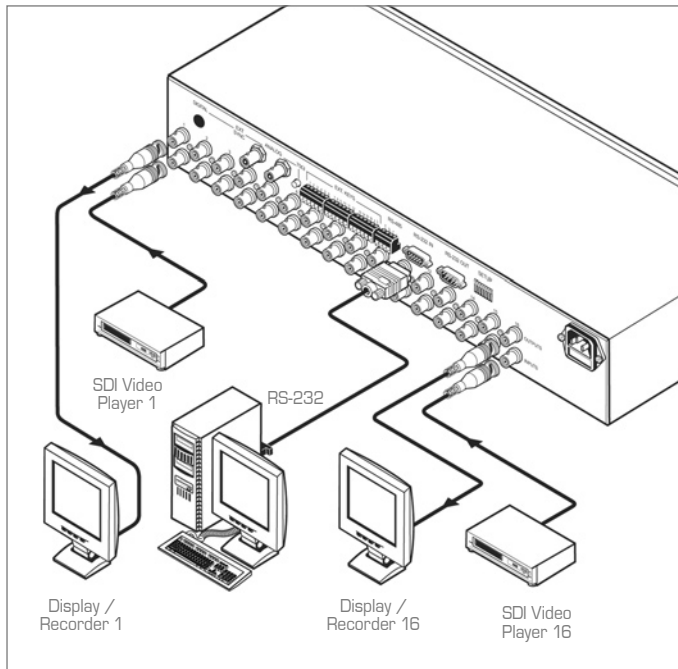
16x16 Serial Digital (SDI) Video Matrix Switcher



The **VS-1616SDI** is a high performance matrix switcher for SDI (SMPTE 259M) video signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Relocking & Equalization** - Automatic.
- **Multi-Standard** - 143Mb/s (4fsc NTSC), 177Mb/s (4fsc PAL), 270Mb/s (4:2:2 component), 360Mb/s (4:2:2 widescreen).
- **Control** - Front panel, RS-232 (K-Router™ Windows® - based software is included), & RS-485, contact closure, & IR remote (included).
- **Resolution** - 8 & 10-bit (automatic).
- **Take Button** - Execute multiple switches all at once.
- **Memory Locations** - Store multiple switches as presets to be recalled and executed when needed.
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronize either to external reference or the incoming video.
- **Looping Analog Sync Input.**
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 2U.



TECHNICAL SPECIFICATIONS

INPUTS:	16 SMPTE-259M serial video, 75Ω on BNC connectors.
OUTPUTS:	16 reclocked SMPTE-259M serial video, 75Ω on BNC connectors.
REFERENCE INPUT:	Analog loop through on BNC connectors, 75Ω/Hi-Z, switchable SMPTE-259M serial video (option).
OUTPUT LEVEL:	800mV, +/- 5%.
SWITCHING:	Vertical interval.
RESOLUTION:	8 or 10-bit, automatic.
SUPPORTED STANDARDS:	143Mb/s (4fsc NTSC). 177Mb/s (4fsc PAL). 270Mb/s (4:2:2 Component). 360Mb/s (4:2:2 Widescreen).
EQUALIZATION:	Automatic up to 300m, (Belden 8281 cable, 270Mb/s).
JITTER:	< 300ps at 270Mb/s, 10Hz.
OVERSHOOT:	< 5%.
CONTROL:	38 selector switches; RS-232, RS-485, IR remote, dry keyboard extension.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.) 10VA.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack-mountable.
WEIGHT:	3.5kg. (7.8lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows 95/98/NT/2000™ Kramer control software.

