

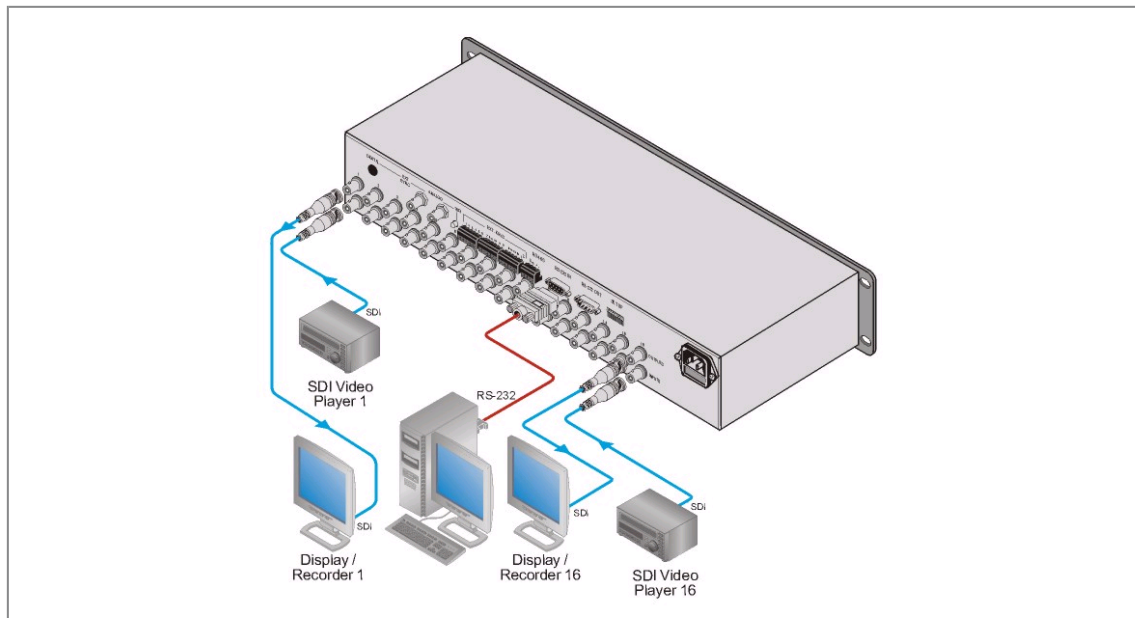


VS-1616SDI

16x16 SDI Digital 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.





VS-1616SDI

FEATURES

- **Max Data Rate** - Up to 270Mbps.
- **Reclocking & 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™ Window® - 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, 75 Ω 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)
SWITCHING:	Vertical interval
RESOLUTION:	Automatic up to 300m, (Belden 8281 cable, 270Mb/s)
JITTER:	<300ps at 270Mb/s, 10Hz
OVERSHOOT:	<5%
OUTPUT LEVEL:	800mV, +/- 5%
CONTROL:	38 selector switches; RS-232, RS-485, IR remote, dry keyboard extension
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack-mountable
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 10VA
WEIGHT:	3.5 kg (7.8 lbs.) approx
ACCESSORIES:	Power cord, Null modem adapter, Windows 95/98/NT/2000™ Kramer control software
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