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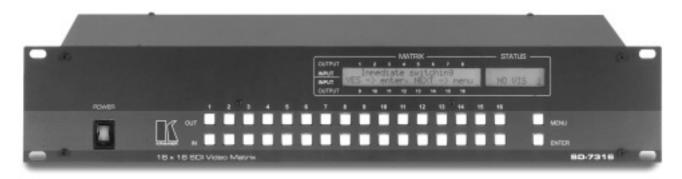
16x16 Serial Digital Video Matrix Switcher

SD-7316

The Kramer SD-7316 is an adjustment-free, 16x16 matrix switcher for SDI (serial digital) video signals. It is a true matrix allowing any input to be routed to any or all outputs simultaneously. It provides automatic equalization for losses on a 75 coaxial cable, and reclocks each output to provide 16 low-jitter serial digital outputs. Video standard recognition is automatic, and the SD-7316 switches during the

vertical interval.

The SD-7316 accepts either analog or serial video as the external source for its vertical trigger, or any input can be assigned as the sync source. The SD-7316 can be controlled by front panel buttons, RS-232, or RS-485. It is fully compatible with both 10-bit and 8-bit video, automatically recognizing word length.





TECHNICAL SPECIFICATIONS

16 x SMPTE - 259M serial video, 75 on BNCs, digital and looping analog sync inputs on BNCs.
16 reclocked SMPTE-259M outputs, 75 on BNCs.
10-bit or 8-bit, automatic according to input resolution.
During the vertical interval from analog or digital sync.
34 front panel touch switches, RS-232 and RS-485.
4fsc PAL, 4fsc NTSC, 4:2:2 (525/625), and 360Mb/s widescreen (525/625).
Automatic for up to >35dB cable loss (375m for 4:2:2 using belden 8281 cable).
19-inch (W) x 7-inch (D) x 2U (H), rack mountable.
Universal, 85-264 VAC, 47-440 Hz, 25 VA max.
3.5 kg. (7.8 lbs.) approx.
Power cord, Windows 95/98 control software.

TYPICAL APPLICATIONS

- Video broadcast studios for on-air switching and signal routing.
- Video production facilities, for connecting various sources to acceptors.

WEB: www.kramerelectronics.com

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