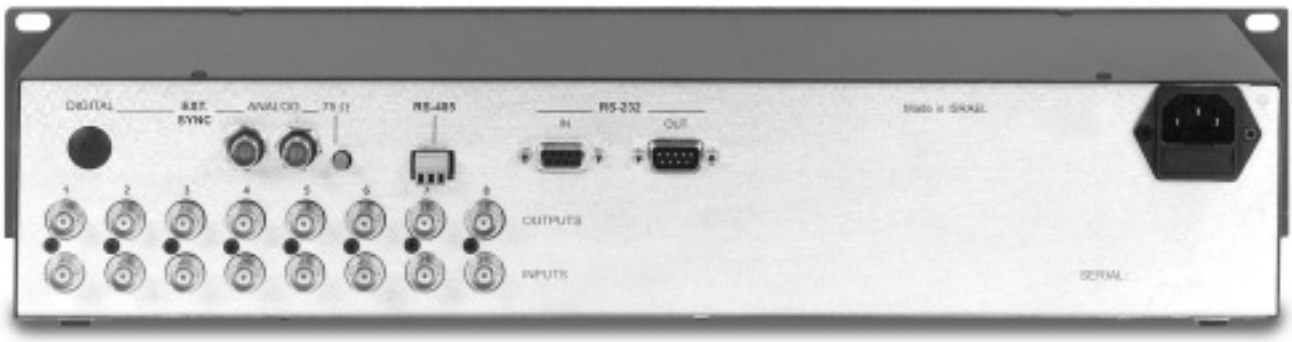
RS-485 RS-232 SDI

8x8 Serial Digital Video Matrix Switcher SD-7388

The Kramer SD-7388 is an adjustment-free, 8x8 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 co-axial cable, and reclocks each output to provide 8 low-jitter serial digital outputs. Video standard recognition is automatic, and the SD-7388 switches during the vertical interval. The SD-7388 accepts either analog or serial digital video as the external source for its vertical trigger, and any input can be assigned as the sync source. The SD-7388 can be controlled by front panel buttons, RS-232 and RS-485. It is fully compatible with both 10-bit and 8-bit video, automatically recognizing word length.



TECHNICAL SPECIFICATIONS

INPUTS:	8 x SMPTE - 259M serial video, 75 on BNCs, digital and looping analog sync inputs on BNCs.
OUTPUTS:	8 reclocked SMPTE-259M outputs, 75 on BNCs.
RESOLUTION:	10-bit or 8-bit, automatic according to input resolution.
SWITCHING:	During vertical interval from analog or digital sync.
CONTROL:	18 front panel touch switches, RS-232 and RS-485.
STANDARDS:	4fsc PAL, 4fsc NTSC, 4:2:2 (525 / 625), and 360 Mb/s widescreen (525/625).
EQUALIZATION:	Automatic for up to 300m for 270 Mb/s using belden 8281 cable.
DIMENSIONS:	19-inch (W) x 7-inch (D) x 2U (H), rack mountable.
POWER:	Universal, 85-264 VAC, 47-440 Hz., 25 VA max.
WEIGHT:	3.5 kg. (7.8 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software.

TYPICAL APPLICATIONS

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