



8x8 Serial Digital Video Matrix Switcher

SD-7588V

The Kramer SD-7588V is an adjustment-free, cable-equalized, reclocking, multi-standard 8x8 serial digital video matrix. It provides automatic equalization for losses on 75 co-axial cable, and reclocks each output to provide eight low-jitter serial digital outputs. Standard recognition is automatic. The unit operates with both 10-bit and 8-bit video, automatically recognizing the word length. The SD-7588V accepts analog video as the external source for its vertical trigger. Both the front-panel touch switches and the built-in RS-232 and RS-485

interfaces may be used to control the machine. Fifteen preset memory locations are provided for quick access to the most frequently used configurations. The unit ships with Windows 95/98/NT™ control software and an optional desktop or rack-mountable remote control panel is also available. The SD-7588V works as a stand-alone unit as well as part of a Kramer multi-signal switcher system, which includes digital and analog video, digital and analog audio, and RS-422 control switchers. When integrated in a system, it provides the rest of the switchers with the vertical interval trigger.



VIDEO AND AUDIO SWITCHERS, MATRIX SWITCHERS AND CONTROLLERS

TECHNICAL SPECIFICATIONS

INPUTS:	8 x SMPTE - 259M serial video, 75 , on BNCs; 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 sync.
STANDARDS:	4fsc PAL, 4fsc NTSC, 4:2:2 (525/625), and 360Mb/s widescreen (525/625).
EQUALIZATION:	Automatic for up to 300m for 270 Mb/s using Belden 8281 cable.
CONTROL:	22 front-panel touch switches, RS-232 and RS-485.
DISPLAY:	Current switcher status on eight 7-segment bright LEDs. Signal presence for each channel on front panel LEDs.
DIMENSIONS:	19-inch (W) x 7-inch (D) x 1U (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, Null modem adapter, Windows™ control software.

TYPICAL APPLICATIONS

- Video broadcast studios for on-air switching and signal routing.
- Non-linear editing suites.
- Video production studios, to connect various sources to acceptors.