

SD-7308

8x1:4 Serial Video Switcher



The Kramer **SD-7308** is a multi-standard, adjustment-free 8 x 1:4 switcher for SDI (serial digital) video signals. It accepts up to eight SDI inputs, provides necessary buffering and reclocking, and routes the selected source to four identical SDI outputs using BNC connectors. It provides automatic equalization for losses typical with long runs of 75Ω co-axial cable. Depending on the cable and video standard, cable lengths of several hundred meters can be used. Standard recognition is automatic and the machine switches during the vertical interval according to the SMPTE RP-168 standard. A rear-panel output level control is provided to optimize signal level. The input select function of the **SD-7308** can be controlled by front panel buttons and by RS-232 commands transmitted by a touch-screen control system, personal computer, or other control system. When no signal exists on a selected input, the LED in the appropriate button flashes. The **SD-7308** automatically recognizes the word length for both 10-bit and 8-bit video.



TECHNICAL SPECIFICATIONS

INPUTS:	8 x SMPTE - 259M serial video, 75Ω on BNC connectors.
SERIAL OUTPUTS:	4 reclocked SMPTE-259M outputs, 75Ω on BNC connectors, adjustable amplitude.
VIDEO RESOLUTION:	10-bit or 8-bit, automatic according to input resolution.
SWITCHING:	During vertical interval according to the SMPTE RP-168 standard.
STANDARDS:	4fsc PAL, 4fsc NTSC, 4:2:2 (525/625), and 360Mb/s widescreen (525/625).
EQUALIZATION:	Automatic for up to 300m cable loss.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.) 9.2VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.5kg (5.5lbs) approx.
ACCESSORIES:	Power cord, Windows® - basic control software.

TYPICAL APPLICATIONS

- Video broadcast studios for On-air switching and signal routing.
- Video production and editing studios.
- Signal routing for non-linear editing systems.

