



SD-7588V

8x8 SDI Video Matrix Switcher



The SD-7588V is a high-performance matrix switcher for SDI (SMPTE 259M) video signals. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized SDI sources.

FEATURES

- Reclocking & Equalization
- Multi-Standard
- Control
- Resolution - 8 & 10-bits (automatic).
- Take Button - Executes multiple switches all at once.
- Memory Locations - Stores multiple switches as presets (salvos) to be recalled and executed when needed.
- ALL / OFF Controls - Sends one input to all outputs, can disconnect all outputs, or turn off individual outputs.
- IN SYSTEM Control - Allows for audio-follow-video when used with an SD-7588A in the same system.
- Vertical Interval Switching.
- Switching Synchronization - Synchronizes either to external reference or the incoming video.
- Looping Analog Sync Input.
- Selectable Sync Signal Termination.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U.



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TECHNICAL SPECIFICATIONS

- INPUTS:** 8 SMPTE 259M serial video, 75Ω, on BNC connectors; looping analog sync inputs on BNC connectors.
- OUTPUTS:** 8 reclocked SMPTE 259M outputs, 75Ω, on BNC connectors.
- 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 360Mbps widescreen (525/625).
- EQUALIZATION:** Automatic for up to 300m for 270Mbps using Belden 8281 cable.
- CONTROLS:** 22 front panel buttons, RS-232 and RS-485 control interface.
- INDICATORS:** 8-character display, signal LED for each channel on the front panel.
- POWER SOURCE:** Universal, 85–264V AC, 47–440Hz, 25VA max.
- DIMENSIONS:** 19" x 7" x 1U W, D, H, rack mountable.
- WEIGHT:** 3.5kg (7.8lbs) approx.
- ACCESSORIES:** Power cord.

