SD-7588V

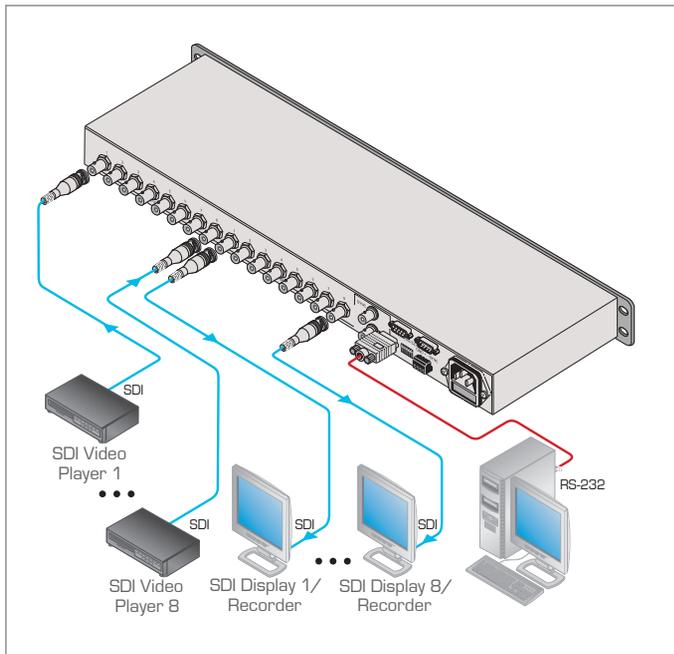## 8x8 SDI Video Matrix Switcher

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** - Automatic.
- **Multi-Standard** - 143Mbps (4fsc NTSC), 177Mbps (4fsc PAL, 70Mbps (4:2:2 component), 360Mbps (4:2:2 widescreen).
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based Kramer software is included) & RS-485.
- **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.

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.
DISPLAY:	Current switcher status on eight 7-segment LEDs. Signal presence for each channel on front panel LEDs.
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.