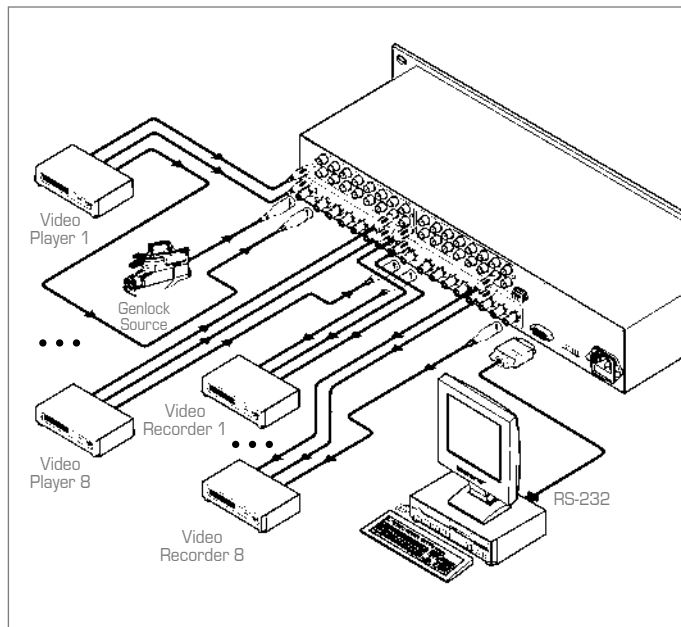# VS-804xl/VS-808xl

8x4 & 8x8 Composite Video & Stereo Audio Matrix Switchers

The **VS-804xl** and **VS-808xl** are high performance matrix switchers for composite video and unbalanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Bandwidth** - 200MHz (- 3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows® - Based Software is included), & RS-485.
- **Take Button** - Execute multiple switches all at once.
- **Memory Locations** - Store multiple switches as presets (salvos) to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronize either to external reference or the incoming video.
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 2U.

TECHNICAL SPECIFICATIONS

INPUTS:	8 composite video, 1Vpp/75Ω on BNC connectors. 1 Sync/Video Genlock 1Vpp/75Ω with sync select switch. 8 audio stereo, + 4dBm/33kΩ on RCA connectors.
OUTPUTS:	8 (4 for the VS - 804xl) composite video, 1Vpp/75Ω on BNC connectors. 8 (4 for the VS - 804xl) audio stereo, + 4dBm/50Ω (27dBm max.) on RCA connectors.
BANDWIDTH (- 3dB):	Video: 200MHz. Audio: 100kHz.
NON LINEARITY:	0.1%.
VIDEO CROSSTALK:	- 50dB @ 5MHz.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N:	74dB.
AUDIO S/N:	88dB unweighted (1Vpp).
CONTROL:	Manual, RS-232 or RS- 485.
AUDIO THD:	0.16% (1V, 1kHz).
SWITCHING:	Vertical interval.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.), 11VA.
DIMENSIONS:	19 inch (W), 7 inch (D) 2U (H) rack mountable.
WEIGHT:	3.5kg. (7.8lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.

KRAMER ELECTRONICS, Ltd