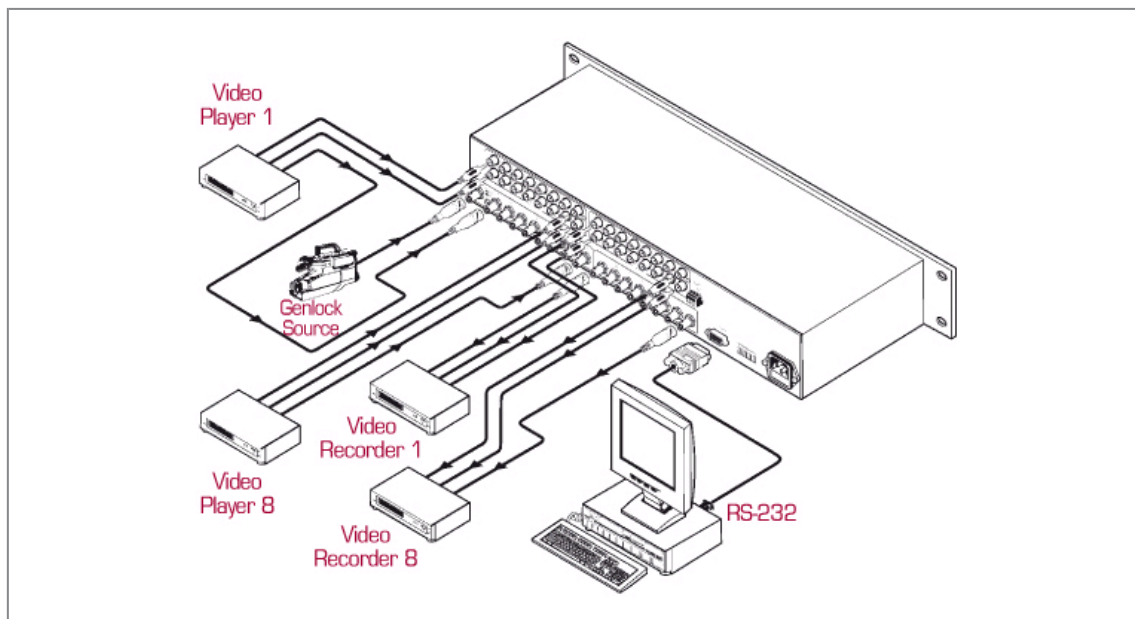## VS-804xl

8x4 A/V Matrix Switcher

STEREO | CV | INFRA RED | RS-232 | RS-485 | SYNC

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.

VS-804xl

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 atonce.
- **Memory Locations** - Store multiple switchesas presets (salvos) to be recalled and executedwhen needed.
- Audio Breakaway Switching.
- Vertical Interval Switching.
- **Switching Synchronization** - Synchronizeeither to external reference or the incomingvideo.
- Selectable Sync Signal Termination.
- **Standard 19" Rack Mount Size** - 2U.

TECHNICAL SPECIFICATIONS

INPUTS:	8 composite video, 1Vpp/75Ω on BNCs.1 Sync/Video Genlock 1Vpp/75Ω with sync select with. 8 audio stereo, +4dBm/33 KΩ on RCAs.
OUTPUTS:	8 (4 for the vs-804xl) composite video, 1Vpp/75Ω on BNCs. 8 (4 for the vs-804xl) audio stereo, +4dBm/50W (24 Vpp max.) on RCAs.
VIDEO BANDWIDTH:	200 MHz. -3dB
AUDIO BANDWIDTH:	100 kHz. -3dB
NON LINEARITY:	<0.1%
VIDEO CROSSTALK:	<50dB @ 5MHz.
VIDEO S/N:	74 dB.
AUDIO S/N:	88 dB unweighted (1Vpp)..
CONTROL:	Manual, RS-232 or RS-485
AUDIO THD:	0.016% (1V, 1KHz).
SWITCHING:	Vertical interval.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	<0.05%.
DIFF. GAIN:	0.05%
DIMENSIONS:	19 inch (W), 7 inch (D) 2U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.), 11 VA.
WEIGHT:	3.5 kg (7.8 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.