

VS-804xl/VS-808xl

8x4, 8x8 A/V Matrix Switchers



The Kramer **VS-808xl** and **VS-804xl** are high performance, 8 x 8 and 8 x 4 vertical interval matrix switchers for composite video and stereo audio signals. They are true matrices, allowing the user to route any input to any or all outputs simultaneously. Since the machines switch during the vertical interval, transitions are glitch-free when sources share a common reference sync. There are many updated features on these popular designs including audio breakaway, which provides the ability to switch audio independently from video. Eight preset memory locations are provided for quick access to common configurations. Also, the TAKE button allows the user to place multiple switches in a queue, and then activate them with one touch of this button or a single serial command. Kramer's K-Router control software is included for applications where a Windows® - based PC is used to control the **VS-808xl** and the **VS-804xl**. There are a total of three ways to control the machines: front-panel buttons, RS-232, and RS-485. They are dependable, rugged, and fit in two vertical spaces of a standard 19" rack. Video bandwidth of 200MHz ensures that the machines remain transparent even in the most critical applications.



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.
VIDEO BANDWIDTH (- 3dB):	200MHz.
AUDIO BANDWIDTH (- 3dB):	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.

TYPICAL APPLICATIONS

- Production studios.
- Audio/video duplication facilities.
- Professional presentation systems.