



**Audio Stereo / Video Matrix Switchers VS-804/808xl**

The Kramer VS-808xl and VS-804xl are high performance, 8x8 and 8x4 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 switcher 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 provide 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 new control software is included for applications where a Windows™ based PC is used to control the switcher. 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**

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

**TYPICAL APPLICATIONS**

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