

VS-824, VS-828, VS-626

8x4, 8x8, 6x6 Video / Audio Matrix Switcher



The Kramer **VS-824**, **VS-828** and **VS-626** are high performance, 8x4, 8x8, 6x6 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 **VS-824**, **VS-828** and **VS-626** switch during the vertical interval, transitions are glitch-free when sources share a common reference sync. There are many updated features on this popular design 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. Kramer's K-Router control software is included for applications where a Windows® - based PC is used to control the **VS-828**. There are a total of three ways to control these 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 100MHz ensures that the **VS-824**, **VS-828** and **VS-626** remain transparent even in the most critical applications.



TECHNICAL SPECIFICATIONS

INPUTS:	8 (6) composite video 1Vpp/75Ω on BNC connectors 1 sync/video genlock with sync select switch
OUTPUTS:	8 (6) audio stereo up to +4dBm/62kΩ on RCA connectors 8 (6) (4) composite video 1Vpp/75Ω on BNC connectors 8 (6) (4) audio stereo +4dBm/50Ω on RCA connectors
MAX. VIDEO OUTPUT LEVEL:	2 Vpp
MAX. AUDIO OUTPUT LEVEL:	+/-20Vpp
VIDEO BANDWIDTH (-3dB):	100MHz
AUDIO BANDWIDTH (-3dB):	100kHz
DIFF. GAIN:	0.05%
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	< 0.05%
VIDEO S/N RATIO:	74dB.
AUDIO S/N RATIO:	88 dB unweighted (1Vpp)
VIDEO CROSSTALK (all hostile):	-50 dB @ 5MHz
AUDIO CROSSTALK (all hostile):	-71.4dB@1kHz
CONTROLS:	Manual, RS-232 or RS-485
VIDEO COUPLING:	DC
AUDIO COUPLING:	AC
AUDIO THD + NOISE:	0.016% (1V, 1kHz)
AUDIO 2nd HARMONIC:	0.012%
POWER SOURCE:	230 VAC, 50/60 Hz (115 VAC, USA)
DIMENSIONS:	19 inch (W), 7 inch (D), 2U (H) rack mountable
WEIGHT:	3.4 kg. (7.5 lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows®-based control software

TYPICAL APPLICATIONS

- Any professional system requiring outstanding value in a 8x8 matrix
- Production and duplication facilities
- Security, CCTV, and home theater systems

