



# KRAMER

## VS-828

8x8 Composite Video & Stereo Audio Matrix  
Switcher (100MHz)

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The VS-828 is a high-performance matrix switcher for composite video and unbalanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources

### FEATURES

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**Bandwidth** - 100MHz (-3dB) fully loaded

**Control** - Front panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, & IR Remote (included) & Remote IR receiver (optional)

**Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed

**Audio Breakaway Switching**

**Vertical Interval Switching**

**Switching Synchronization** - Synchronizes either to external reference or the incoming video

**Selectable Sync Signal Termination**

**Standard 19" Rack Mount Size** - 2U. Rack "ears" included



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## TECHNICAL SPECIFICATIONS

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INPUT:	8 composite video 1Vpp/75Ω on BNC connectors; 1 sync/video genlock with sync select switch; 8 audio stereo up to +4dBu/62kΩ on RCA connectors
OUTPUT:	8 composite video 1Vpp/75Ω on BNC connectors; 8 audio stereo +4dBu/50Ω on RCA connectors
MAX. VIDEO OUTPUT LEVEL:	2Vpp
MAX. AUDIO OUTPUT LEVEL:	+/-20Vpp
VIDEO BANDWIDTH (-3dB):	100MHz
AUDIO BANDWIDTH (-3dB):	100kHz
DIFF. GAIN:	0.05%
DIFF. PHASE:	0.03Deg
K-FACTOR:	<0.05%
VIDEO S/N RATIO:	74dB
PRODUCT DIMENSION:	19" x 7.24 x 2U (43.6cm x 18.40cm 8.80cm) W, D, H
PRODUCT WEIGHT:	4.2kg (9.3lbs) approx
SHIPPING DIMENSION:	55.00cm x 29.40cm x 16.10cm (21.65" x 11.57" x 6.34" ) W, D, H
SHIPPING WEIGHT:	5.4kg (11.9lbs) approx
AUDIO S/N RATIO:	88dB unweighted (1Vpp)
VIDEO COUPLING:	DC
AUDIO COUPLING:	AC
VIDEO CROSSTALK (all hostile):	-50dB @5MHz
AUDIO CROSSTALK (all hostile):	-71.4dB @1kHz
AUDIO THD + NOISE:	0.016% (1V, 1kHz)
AUDIO 2nd HARMONIC:	0.012%
CONTROLS:	Manual, RS-232, RS-485, IR remote control
POWER CONSUMPTION:	230V AC, 50/60Hz (115V AC, USA), 17VA
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, Windows®-based control software, IR remote control, rack "ears"

Audio connections  
are not shown

