



5x4 Vertical Interval Video Audio Matrix Switcher

VS-5x4

The Kramer VS-5x4 is a high performance 5x4 vertical interval matrix switcher for composite video and audio stereo signals. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. Since the VS-5x4 switches during the vertical interval, transitions are glitch-free when sources share a common reference sync. Audio signals are always switched together with the corresponding video signal, and the large LED display makes it easy to see the current settings. Each audio output may be configured

to have 0, 2, 4 or 6dB gain by using the front panel switches.

Like most Kramer switchers, the VS-5x4 can be controlled by front panel buttons or RS-232 serial commands. For applications requiring remote control via a Windows-based personal computer, Kramer's new control software is provided at no additional cost. It is easy to use, dependable, rugged, and fits in one vertical space of a standard 19" rack.



TECHNICAL SPECIFICATIONS

INPUTS:	5 video, 1Vpp / 75 composite on BNCs. 5 audio stereo 1Vpp / 50 k on RCAs. DB-9 connector for RS-232 control.
OUTPUTS:	4 video, 1Vpp / 75 composite on BNCs. 4 audio stereo 1Vpp / 100 on RCAs.
VIDEO BANDWIDTH:	30 MHz. -3 dB.
AUDIO BANDWIDTH:	20 kHz. -3 dB.
DIFF. GAIN:	0.13%.
DIFF. PHASE:	0.8 Deg.
K-FACTOR:	<0.05%.
VIDEO S/N RATIO:	74 dB.
AUDIO S/N RATIO:	89 dB.
AUDIO THD:	0.02%.
VIDEO CROSSTALK:	-47dB luma.
AUDIO CROSSTALK:	-53 dB.
CONTROL:	Touch switches and RS-232.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz. (115VAC U.S.A.) 6 VA.
WEIGHT:	2.7 kg. (6 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- Small video and audio editing systems.
- Non-linear editing systems.

- Any professional display system requiring outstanding value in a true 5x4 matrix.