

## VS-4x4YC

CV/s-Video Vertical Interval Matrix Switcher

**GROUP 2**



The Kramer **VS-4x4YC** is a high performance 4x4 vertical interval matrix switcher for composite and/or s-Video and stereo audio signals. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. Since the **VS-4x4YC** switches during the vertical interval, transitions are glitch-free when sources share a common reference sync. The **VS-4x4YC** provides composite video and s-Video connectors allowing it to be used for either format. Mixing formats is possible but composite video sources would typically need to be routed to composite video outputs and, likewise, s-Video sources must be routed to s-Video outputs. It is very important to note that the **VS-4x4YC** does not perform any signal format conversion. Like most Kramer switchers, the **VS-4x4YC** 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 K-Router 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:	4 video, 1Vpp/75Ω composite on BNC connectors, 4 YC - Y=1Vpp/75Ω, C=0.3Vpp/75Ω. 4 audio stereo 1Vpp/50kΩ on RCA connectors.
OUTPUTS:	4 video, 1Vpp/75Ω composite on BNC connectors, 4 YC - Y=1Vpp/75Ω, C=0.3Vpp/75Ω. 4 audio stereo 1Vpp/100Ω on RCA connectors.
VIDEO BANDWIDTH (-3dB):	50 MHz.
AUDIO BANDWIDTH (-3dB):	100kHz.
DIFF. GAIN:	0.15 %.
DIFF. PHASE:	0.1 Deg.
VIDEO S/N RATIO:	65dB.
AUDIO S/N RATIO:	75dB.
VIDEO CROSSTALK:	- 47dB Luma.
AUDIO CROSSTALK:	53dB.
AUDIO THD:	0.1%.
POWER SOURCE:	230 VAC (115VAC U.S.A.) 10.3VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.9kg. (6.4 lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.

### TYPICAL APPLICATIONS

- Small video and audio editing systems.
- Any professional display system requiring outstanding value in a true 4x4 matrix.
- Non-linear editing systems.



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