KRAMER ELECTRONICS, LTD

RS-232 AUDIO CV YC

4x4 Video/s-Video/Audio Matrix Switcher   VS-4x4YC

KRAMER

The Kramer VS-4x4YC is a high performance 4x4 vertical interval matrix switch for composite and/or s-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-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, K-Switch 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 BNCs, 4 Y/C - Y=1Vpp/75Ω, C=0.3Vpp/75Ω. 4 Audio Stereo1Vpp/ 50kΩ on RCAs.
OUTPUTS:	4 Video, 1Vpp/75Ω Composite on BNCs, 4 Y/C - Y=1Vpp/75Ω, C=0.3Vpp/75Ω. 4 Audio Stereo 1Vpp/100Ω on RCAs.
VIDEO BANDWIDTH:	50 MHz -3dB.
DIFF. GAIN:	0.15 %.
DIFF. PHASE:	0.1 Deg.
AUDIO BANDWIDTH:	10-100,000 Hz.
VIDEO S/N RATIO:	> 65 dB.
AUDIO S/N RATIO:	> 75 dB.
AUDIO THD:	<0.1%.
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 (115VAC U.S.A.) 10.3VA.
WEIGHT:	2.9 kg. (6.4 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 4x4 matrix.

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VIDEO AUDIO SWITCHERS AND MATRIX SWITCHERS