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

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, 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. Audio is always switched together with the corresponding video signal.

TECHNICAL SPECIFICATIONS

INPUTS:	4 video, 1Vpp / 75 composite on BNCs, 4 YC - Y=1Vpp / 75 , C=0.3Vpp / 75 . 4 audio stereo 1Vpp / 50 k on RCAs.
OUTPUTS:	4 video, 1Vpp / 75 composite on BNCs, 4 YC - Y=1Vpp / 75 , C=0.3Vpp / 75 . 4 audio stereo 1Vpp / 100 on RCAs.
VIDEO BANDWIDTH:	50 MHz. -3dB.
DIFF. GAIN:	0.15 %.
DIFF. PHASE:	0.1 Deg.
AUDIO BANDWIDTH:	100 kHz. -3dB.
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 (115 VAC U.S.A.) 10.3 VA.
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.