KRAMER ELECTRONICS, LTD

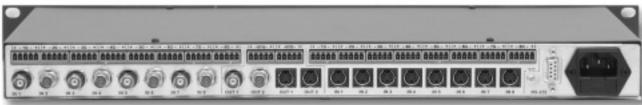| BAL | CV | YC | RS-232 |

K KRAMER

8x1 Composite / YC - Audio Switcher VS-812

The Kramer VS-812 is a unique 8x1:2 switcher/DA for s-Video (YC), composite video, and balanced audio stereo signals. It accepts eight s-Video sources as well as eight composite video sources, each with their appropriate stereo audio signals. Using front accessible switches, the user selects which video format is available at any input (for example, inputs 1,3,4,8 are composite, 2,5,6,7 are YC). Whichever input format is selected, 4 simultaneous outputs are available - 2 composite and 2 YC - with 2 stereo audio outputs. The machine switches during the vertical interval and transitions are glitch-free when the sources are Genlocked. The machine has a built-in bi-directional converter between composite and s-Video and a built-in 1:2 distribution amplifier for both composite and YC. The machine is controlled via front-panel touch switches as well as by RS-232. It is housed in a 19", 1U enclosure, perfect for rack installations. Windows™ based control software is provided free with the machine.

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VIDEO AND AUDIO SWITCHERS, MATRIX SWITCHERS AND CONTROLLERS

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TECHNICAL SPECIFICATIONS

INPUTS:	8 CV, 1 Vpp/75 on BNCs.
	8 YC, 1Vpp/75 (Y), 0.3Vpp/75 (C) on 4P connectors.
	8+8 audio stereo, +4dBm/25k, on detachable terminal blocks .
OUTPUTS:	2 CV, 1 Vpp/75 on BNCs.
	2 YC, 1Vpp/75 (Y), 0.3Vpp/75 (C) on 4P connectors.
	2 audio stereo, +4dBm/50 , on detachable terminal blocks.
MAX. OUTPUT LEVEL:	2.3 Vpp /75 (CV or Y), 20 Vpp (audio).
BANDWIDTH (-3dB):	370 MHz. (CV), 190 MHz. (Y), 100 kHz. (audio).
DIFF. GAIN:	<0.05%.
DIFF. PHASE:	<0.09 deg.
K-FACTOR:	<0.05%.
S/N RATIO:	68.8 dB (CV), 73 dB. (audio, 1Vpp.)
CROSSTALK:	-56 dB. (CV, all hostile), -79 dB. (audio, 1kHz.).
CONTROLS:	8 front panel touch switches, 8 front panel program switches, RS-232.
COUPLING:	DC for video, AC for audio.
AUDIO THD:	<0.025%.
AUDIO 2nd HARMONIC:	<0.001%.
POWER SOURCE:	230 VAC 50/60 Hz, 18.4 VA (115 VAC, USA).
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	3 kg. (6.6 lbs.).
ACCESSORIES:	Power cord, Windows ™ based control software.

TYPICAL APPLICATIONS

▣ Video production studios.

▣ Presentation, CCTV and home theater systems.

▣ Live broadcast, for switching between cameras in real-time.

KRAMER SIMPLE CREATIVE TECHNOLOGY