



KRAMER ELECTRONICS, LTD

GROUP 2

4x4 Video Audio Switcher

VS-4E

The Kramer VS-4E is a high quality mechanical 4x4 Switcher for composite video using BNC connectors, and Audio Stereo using RCA connectors. It is designed for applications requiring a compact desktop unit for routing of video and audio independent from one another. Note that the VS-4E can only provide one video signal path, and one audio signal path at any given time. It cannot distribute a signal to multiple outputs simultaneously.

High quality switching components and carefully designed circuits provide excellent isolation between inputs, and make the VS-4E ideal for high frequency signals such as SDI (serial digital) and high resolution video signals. Also, its unpowered design can be an advantage in applications where various regulatory compliance would otherwise be required. Unselected video inputs are terminated via 75 resistors.



TECHNICAL SPECIFICATIONS

INPUTS:	4 video, 1Vpp / 75 Ω on BNCs. 4 audio stereo, up to 36 Vpp on RCAs.
OUTPUTS:	4 composite video, 1 Vpp / 75 Ω on BNCs. 4 audio stereo, up to 36 Vpp on RCAs.
SWITCHING SYSTEM:	Mechanical, break-before-make.
CROSSTALK:	-42 dB chroma, -60 dB sync.
BANDWIDTH:	475 MHz, -3dB (video), 100kHz -3dB (audio).
DIMENSIONS:	18.8 cm x 7 cm x 7 cm (7.4" x 2.7" x 2.7"), W, D, H.
WEIGHT:	0.65 kg. (1.4 lbs.) approx.
OPTIONS:	19" rack adapter RK-4E/S (see page 6.24 for details).

TYPICAL APPLICATIONS

- Small video and audio editing systems.
- Security, CCTV, and home theater systems.
- Medical imaging, SDI-based studios.

- Any application where a passive, "hard-wired" signal path is preferred.