



KRAMER ELECTRONICS, LTD

GROUP 2

3x1 RGBS Video Switcher

VS-2031

The Kramer VS-2031 is a high performance 3x1 switcher designed for component video signals such as RGBS using BNC connectors. One of three sources can be routed to one monitor, projector, or other receiving device. Since the signal path is passive using ultra-high quality relays, the VS-2031 can also operate in the reverse direction allowing a single source to be routed to any of three destinations.

The VS-2031 can be controlled by front panel buttons or by RS-232 commands from a touch-screen control system or PC. For applications requiring external control via a personal computer, Windows™ compatible control software is included at no additional cost. Video bandwidth exceeding 550 MHz ensures that the VS-2031 remains transparent even in critical broadcast or high resolution applications.



TECHNICAL SPECIFICATIONS

INPUTS:	3 component video (RGBS), 1Vpp / 75 Ω on BNC type connectors. DB-9 connector for RS-232 control.
OUTPUTS:	1 component video (RGBS), 1Vpp / 75 Ω on BNC type connectors.
BANDWIDTH:	550 MHz. -3dB.
CROSSTALK:	-50 dB at 10 MHz.
COUPLING:	Direct.
CONTROL:	3-illuminated front panel touch switches, RS-232 from PC.
SWITCH TIME:	3 msec. typical.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50 / 60 Hz (115VAC U.S.A.) 5.8 VA.
WEIGHT:	2.5 kg. (5.5 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- Component video switching in studio and post production applications.
- High resolution computer-video signal routing.
- Medical applications: routing high line rate signals generated by medical equipment requiring the widest bandwidth.
- Routing SDI or other very high frequency signals.