



3x1 RGBHV/Component Video Switcher VS-2053

The Kramer VS-2053 is a high performance 3x1 switcher designed for component video signals such as RGBHV using BNC connectors. One of three RGBHV sources can be routed to one monitor, projector, or other receiving device. Two switching modes are provided for different applications. The vertical interval mode is designed for broadcast and production applications requiring glitch-free transitions between genlocked sources, and the delayed switching mode is designed to provide cleaner transitions when switching

high resolution computer-video signals. The VS-2053 is controlled by front panel buttons or by RS-232 from a touch screen system, personal computer, or other dedicated controllers. For systems requiring control via the serial port of a Windows™ based personal computer, Kramer's new software™ is included at no additional cost. Video bandwidth exceeding 400 MHz ensures that the VS-2053 remains transparent even in critical broadcast or computer graphics applications.



TECHNICAL SPECIFICATIONS

INPUTS:	3 x 5 component video (R, G, B, Hs, Vs), 1V/0.7 Vpp / 75 or TTL levels (SYNC) on BNCs.
OUTPUT:	1 component video (R, G, B, Hs, Vs), 1V / 0.7 Vpp / 75 or TTL levels (SYNC) on BNCs.
BANDWIDTH:	400 MHz. -3 dB.
DIFF. GAIN:	0.1% (typical).
DIFF. PHASE:	0.07 Deg.
K-FACTOR:	< 0.03%.
COUPLING:	DC.
SWITCH SYSTEM:	Vertical interval or delayed (0.1 to 9 Sec.).
CONTROL:	Manual or RS-232.
VIDEO S/N RATIO:	73 dB.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC U.S.A.) 8.3 VA.
WEIGHT:	2.8 kg. (6.2 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- Any presentation or display system requiring 3x1 switching for RGBHV.
- Live studio routing and component switching for post-production applications.
- Multi-channel component switching by simultaneous operation of several VS-2053 units using RS-232.

VIDEO AND AUDIO SWITCHERS, MATRIX SWITCHERS AND CONTROLLERS