

VS-2053

3x1 RGBHV/Component Video Switcher

GROUP 2

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** can be 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 K-Router Windows® - based control software is included at no additional cost. Video bandwidth 400MHz 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/0.7Vpp/75Ω or TTL levels (SYNC) on BNC connectors.
OUTPUT:	1 component video (R, G, B, Hs, Vs), 1V/0.7Vpp/75Ω or TTL levels (SYNC) on BNC connectors.
BANDWIDTH (-3dB):	400MHz.
DIFF. GAIN:	0.1% (typical).
DIFF. PHASE:	0.07 Deg.
K-FACTOR:	0.03%.
VIDEO S/N RATIO:	73dB.
SWITCH SYSTEM:	Vertical interval or delayed (0.1 to 9 Sec.).
CONTROL:	Manual or RS-232.
COUPLING:	DC.
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC U.S.A.) 8.3 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.8kg. (6.2 lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based 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.

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