

VS-5x5

5x5 Video Audio Matrix Switcher

NEW



The Kramer **VS-5x5** is a true 5 x 5 video audio matrix switcher for composite video signals and balanced stereo audio signals. The high quality **VS-5x5** lets you simultaneously route any or all of the 5 inputs to any or all of the 5 outputs. It features video bandwidth of 70MHz to ensure transparent video performance; and has easy-to-connect, detachable terminal block connectors for the audio signals. Inputs and outputs are DC coupled. The **VS-5x5** produces glitch-free transitions when sources share a common reference sync, as switching occurs during the vertical interval. Any input or special external sync input may be selected as the vertical interval source. The **VS-5x5** also includes: audio-follow-video and breakaway options; the storing and recalling of setups; and gain control for all inputs and all outputs. The **VS-5x5** can be controlled via the front panel buttons; the infra-red remote control transmitter; and via RS-485 or RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller. The **VS-5x5** is housed in a 19" 1U rack-mountable enclosure, and is fed from a 100-240VAC, 50/60Hz supply.



TECHNICAL SPECIFICATIONS

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| INPUTS: | 5 composite video 1Vpp/75Ω on BNC connectors. 5 balanced audio, + 4dBm (nominal)/25kΩ on detachable terminal blocks. |
| OUTPUTS: | 5 composite video 1Vpp/75Ω on BNC connectors. 5 balanced stereo audio, + 4dBm (nominal)/47kΩ on detachable terminal blocks. |
| MAX. OUTPUT LEVEL: | Video: 2Vpp. Audio: + 19Vpp. |
| BANDWIDTH (- 3dB): | Video: 70MHz, Fully Loaded. Audio: 29kHz. |
| DIFF. GAIN: | 0.02%. |
| DIFF. PHASE: | 0.44 Deg. |
| K-FACTOR: | < 0.05%. |
| S/N RATIO: | Video: 75.1dB. Audio: 74dB. |
| CROSSTALK (all hostile): | Video: - 51.4dB @ 5MHz; Audio: 105dB. |
| AUDIO CONTROLS: | Audio gain level control by RS-232 (K-Router software) - 91dB to + 26dB. |
| COUPLING: | Video: DC. Audio: DC at input, AC at output. |
| AUDIO THD + NOISE: | 0.1%. |
| AUDIO 2nd HARMONIC: | 0.05%. |
| POWER SOURCE: | 100-240 VAC, 50/60Hz; 112mA switching power supply. |
| DIMENSIONS: | 19-inch (W), 7-inch (D) 1U (H) rack-mountable. |
| WEIGHT: | 2.7kg (6lbs) approx. |
| ACCESSORIES: | Power cord, Null modem adapter, Windows®-based Kramer control software, Infra-red remote control transmitter. |

TYPICAL APPLICATIONS:

- Professional video display and monitoring systems requiring true 5 x 5 matrix operation.
- Multimedia and presentation source and acceptor selection.
- Production and video editing studios.