KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

# VS-802xl

8x2:2 Composite Video & Balanced Stereo Audio Matrix Switcher






The VS-802xl is a high-performance matrix switcher for composite video and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

## FEATURES

- High Bandwidth - 300MHz (-3dB) fully loaded.
- Level (Gain) and EQ (Peaking) Controls - Each output.
- Looping Input.
- Selectable Input Signal Termination.
- Video Outputs - 1:2 DAs.
- Control - Front panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, contact closure & IR remote (included).
- Front Panel Control Lockout.
- Take Button - Executes multiple switches all at once.
- Memory Locations - Stores multiple switches as presets (salvos) for recall and execution as needed.
- Audio Breakaway Switching.
- Vertical Interval Switching.
- Switching Synchronization - Synchronizes either to external reference or the incoming video.
- Selectable Sync Signal Termination.
- Standard 19” Rack Mount Size - 2U. Rack "ears" included.

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## TECHNICAL SPECIFICATIONS

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|---|---|
| INPUT: | 8 composite video with loop, 1 sync –1Vpp/75Ω on BNC connectors with sync select switch; 8 balanced audio stereo, +4dBu/33 kΩ on detachable terminal blocks. |
| OUTPUT: | 2 x 2 composite video, -1Vpp/75Ω on BNC connectors; 2 balanced audio stereo, +4dBu/50Ω on detachable terminal blocks. |
| MAX. OUTPUT LEVEL: | Video: 2Vpp/75Ω; Audio: 20Vpp max. |
| BANDWIDTH (-3dB): | 300MHz; 100kHz (audio). |
| DIFF. GAIN: | 0.07%. |
| DIFF. PHASE: | 0.02Deg. |
| K-FACTOR: | 0.05%. |
| S/N RATIO: | Video: 75dB; Audio: 82dB unweighted @1Vpp. |
| CROSSTALK: | Video: -67dB @5MHz; audio: -97dB @1kHz. |
| CONTROL: | 21 illuminated front-panel touch switches, RS-232, RS-485, IR remote. |
| COUPLING: | Video: DC; audio: AC. |
| AUDIO THD: | 0.024%. |
| AUDIO 2nd HARMONIC: | 0.002%. |
| POWER SOURCE: | 100-240V AC, 50/60Hz, 40VA. |
| DIMENSIONS: | 19" x 7" x 2U W, D, H, rack mountable. |
| WEIGHT: | 3.9kg (8.6lbs) approx. |
| ACCESSORIES: | Power cord, PC control software, IR remote. |

