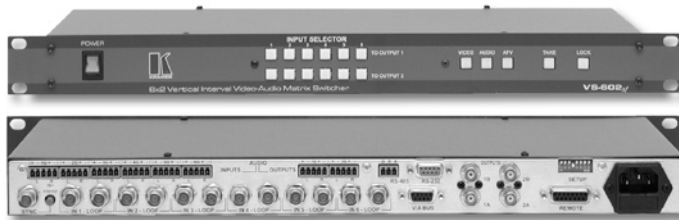


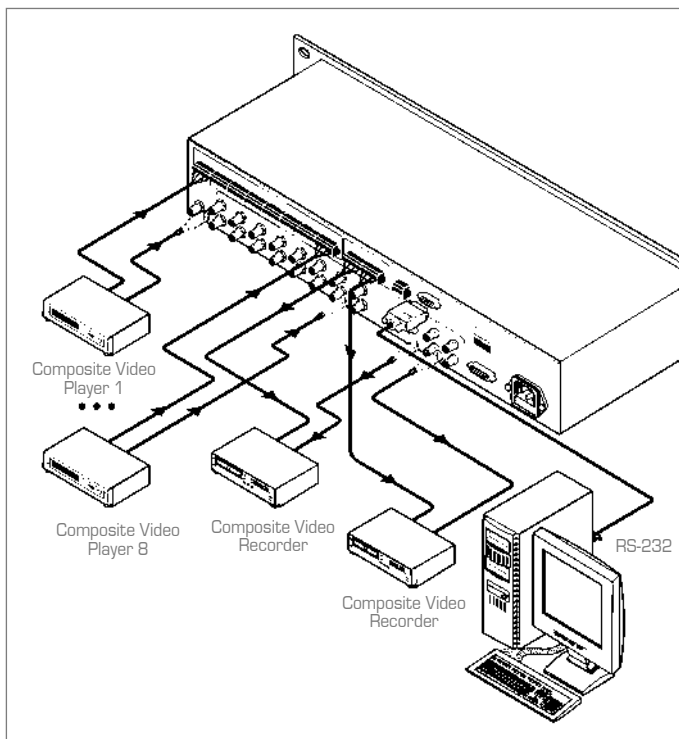
## VS-402xl/VS-602xl/VS-802xl 4, 6, & 8x2 Composite Video & Balanced Stereo Audio Matrix Switcher



The **VS-402xl**, **VS-602xl**, and **VS-802xl** are high performance matrix switchers 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 Inputs.**
- **Selectable Input Signal Termination.**
- **Video Outputs** - 1:2 DAs.
- **Control** - Front panel, RS-232 (included K-Router™ Windows®-based software is included), & RS-485 (VS-802xl includes IR Remote)).
- **Front Panel Control Lockout.**
- **Take Button** - Execute multiple switches all at once.
- **Memory Locations** - Store multiple switches as presets (salvos) to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronize either to external reference or the incoming video.
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 1U (VS-802xl: 2U).



### TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	8, 6, 4 composite video with loop, 1 x sync - 1Vpp/75Ω on BNC connectors with sync select switch. 8, 6, 4 balanced audio stereo, + 4dBm/33kΩ on detachable terminal blocks.
<b>OUTPUTS:</b>	2 x 2 composite video - 1Vpp/75Ω on BNC connectors. 2 balanced audio stereo, + 4dBm/50Ω on detachable terminal blocks.
<b>MAX. OUTPUT LEVEL:</b>	Video: 2Vpp/75Ω. Audio: 20Vpp max.
<b>BANDWIDTH [- 3dB]:</b>	300MHz; 100kHz (audio).
<b>DIFF. GAIN:</b>	0.03%. (VS-802xl: 0.07%).
<b>DIFF. PHASE:</b>	0.01 Deg. (VS-802xl: 0.02 Deg.)
<b>K-FACTOR:</b>	< 0.05%.
<b>S/N RATIO:</b>	Video: 75dB; Audio: 82dB unweighted, (@1Vpp).
<b>CROSSTALK:</b>	Video: - 67dB @ 5MHz. Audio: - 97dB @ 1kHz.
<b>CONTROL:</b>	21, 17, 13 illuminated front-panel touch switches, RS-232, RS - 485.
<b>COUPLING:</b>	Video: DC; Audio: AC.
<b>AUDIO THD:</b>	0.024%.
<b>AUDIO 2nd HARMONIC:</b>	0.002%.
<b>POWER SOURCE:</b>	Universal, 100/120-200/240VAC, 47- 63Hz, 40W max.
<b>DIMENSIONS:</b>	19 inch (W), 7 inch (D), 1U (H, VS- 802xl: 2U) rack mountable.
<b>WEIGHT:</b>	2.7kg. (6lbs.); (VS- 802xl: 3.9kg. 8.6lbs.) approx.
<b>ACCESSORIES:</b>	Power cord, PC control software.

