

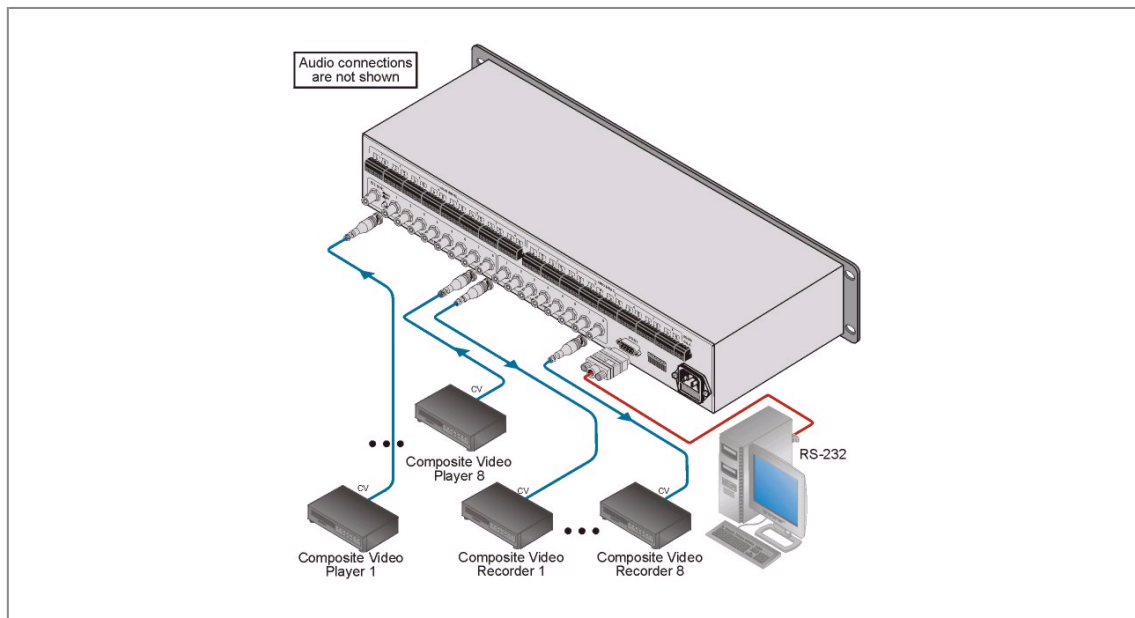


## VS-848

8x8 Balanced A/V Matrix Switcher



The **VS-848** 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.





## VS-848

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### FEATURES

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- **Bandwidth** - 200MHz (-3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows - based software is included), & RS-485.
- **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** - 2U.

### TECHNICAL SPECIFICATIONS

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<b>INPUTS:</b>	8 Composite Video, 1Vpp/75Ω on BNCs. 1 Sync/Video Genlock 1Vpp/75Ω with sync select with. 8 balanced stereo audio, +4dBm/33 KΩ on detachable terminal blocks.
<b>OUTPUTS:</b>	8 Composite Video, 1Vpp/75Ω on BNCs. 8 balanced stereo audio, +4dBm/50W (24 Vpp max.) on detachable terminal blocks.
<b>AUDIO BANDWIDTH:</b>	Exceeding 100 kHz.
<b>VIDEO BANDWIDTH:</b>	Exceeding 200 MHz.
<b>NON LINEARITY:</b>	<0.1%
<b>VIDEO CROSSTALK:</b>	<-50dB @ 5MHz.
<b>VIDEO S/N:</b>	74 dB.
<b>AUDIO S/N:</b>	88 dB Unweighted (1Vpp).
<b>CONTROL:</b>	Manual, RS-232 or RS-485
<b>AUDIO THD:</b>	0.025% (1V, 1kHz).
<b>SWITCHING:</b>	Vertical Interval.
<b>NON-LINEARITY:</b>	0.1%.
<b>DIFF. PHASE:</b>	0.03 Deg.
<b>MAXIMAL AUDIO:</b>	24 Vpp (>20dBm).
<b>K-FACTOR:</b>	<0.05%.
<b>DIFF. GAIN:</b>	0.05%
<b>DIMENSIONS:</b>	19 inch (W), 7 inch (D) 2U (H) rack mountable.
<b>POWER SOURCE:</b>	230 VAC, 50/60 Hz, (115VAC, U.S.A.), 14 VA.
<b>WEIGHT:</b>	3.5 kg (7.8 lbs.) Approx.
<b>ACCESSORIES:</b>	Power cord, Windows 95/98 control software, Null modem adapter.