

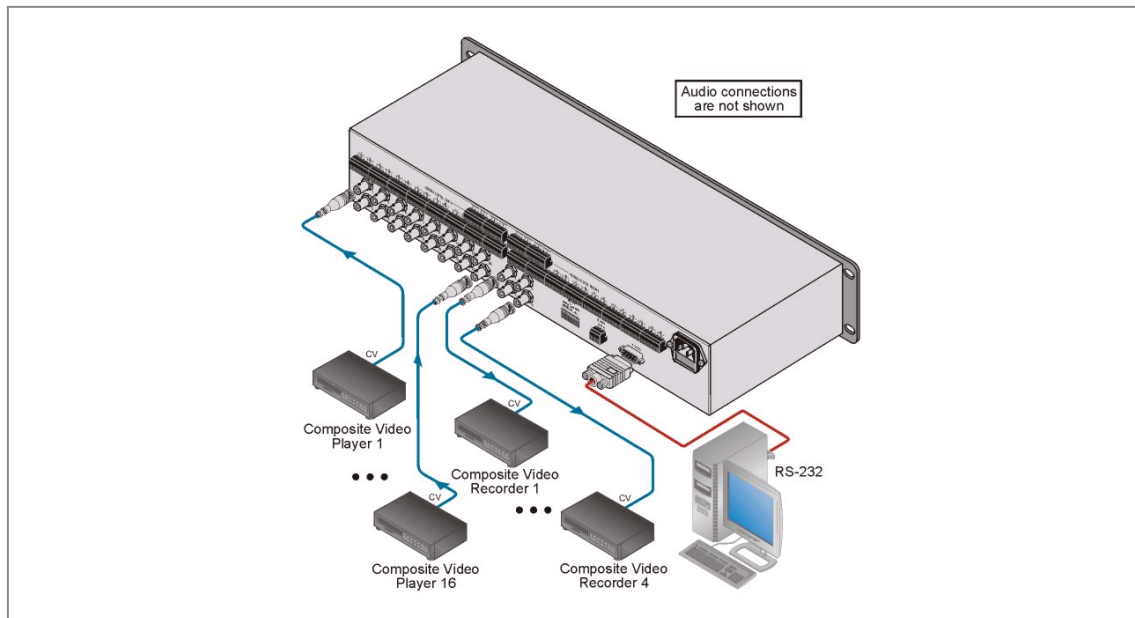


## VS-1604

16x4 Video Balanced-Audio Matrix Switchers



The **VS-1604** 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-1604

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### FEATURES

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- **Bandwidth** - 208MHz (- 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 to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Standard 19" Rack Mount Size - 2U.**

### TECHNICAL SPECIFICATIONS

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<b>INPUTS:</b>	16 composite video, 1Vpp/75Ω on BNCs. 16 balanced stereo audio, +4dBm/47kΩ on detachable terminal blocks.
<b>OUTPUTS:</b>	4 composite video, 1Vpp/75Ω on BNCs. 4 balanced stereo audio, +4dBm/50Ω (20 Vpp max.) on detachable terminal blocks.
<b>VIDEO BANDWIDTH:</b>	Exceeding 200 MHz.
<b>VIDEO CROSSTALK:</b>	<-60 dB @ 5MHz.
<b>NON LINEARITY:</b>	<0.05%.
<b>VIDEO S/N:</b>	>73 dB.
<b>DIFF. GAIN:</b>	<0.04%.
<b>DIFF. PHASE:</b>	<0.04 Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>AUDIO BANDWIDTH:</b>	> 100 kHz -3dB.
<b>AUDIO S/N:</b>	82 dB Unweighted, (1Vpp).
<b>AUDIO THD:</b>	0.021% (1V, 1KHz).
<b>2nd HARMONIC:</b>	0.004%.
<b>CONTROL:</b>	Manual, RS-232 or RS-485.
<b>SWITCHING:</b>	Vertical Interval.
<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.) 10VA.
<b>WEIGHT:</b>	3.4 kg (7.5 lbs.) Approx.
<b>ACCESSORIES:</b>	Power cord, Windows 95/98 control software, Null modem adapter.