

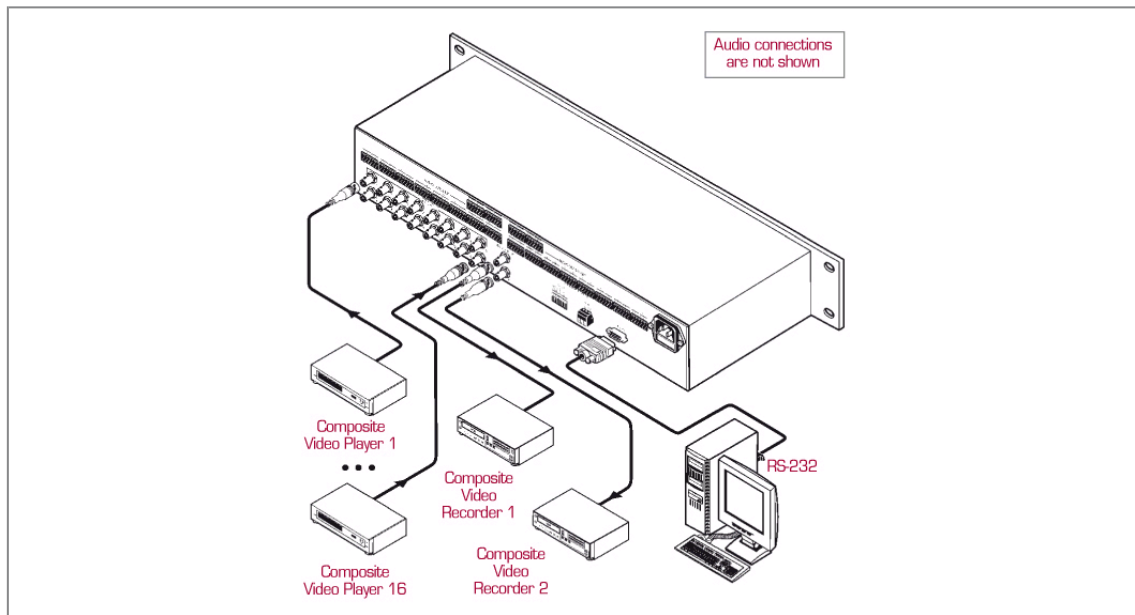


VS-1602xl

Video / Balanced Audio Stereo Matrix Switchers



The VS-1002xl, VS-1202xl, and VS-1602xl 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.





VS-1602xl

FEATURES

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

TECHNICAL SPECIFICATIONS

INPUTS:	16/12/10 composite video, 1Vpp/75Ω on BNCs. 16/12/10 balanced (or unbalanced) audio stereo, +4dBm/47kΩ on detachable terminal blocks.
OUTPUTS:	2 composite video, 1Vpp/75 Ω on BNCs. 2 balanced (or unbalanced) audio stereo, +4dBm/50W (20 Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH:	200 MHz -3dB.
VIDEO CROSSTALK:	<60 dB @ 5MHz.
NON LINEARITY:	Better than 75 dB.
VIDEO S/N:	73 dB.
DIFF. GAIN:	<0.04%.
DIFF. PHASE:	<0.04 Deg.
K-FACTOR:	<0.05%.
AUDIO BANDWIDTH:	100 kHz -3dB.
AUDIO S/N:	82 dB unweighted, (1Vpp).
AUDIO THD:	0.021% (1V, 1KHz).
2nd Harmonic	0.004%.
CONTROL:	Manual, RS-232 or RS-485.
SWITCHING:	Vertical interval.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 10VA.
WEIGHT:	3.4 Kg (7.5 Lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.