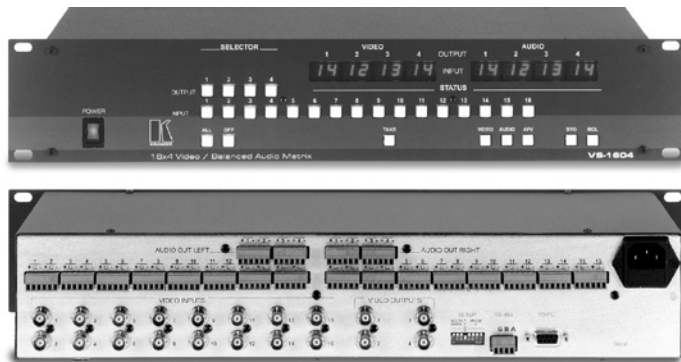


VS-1604

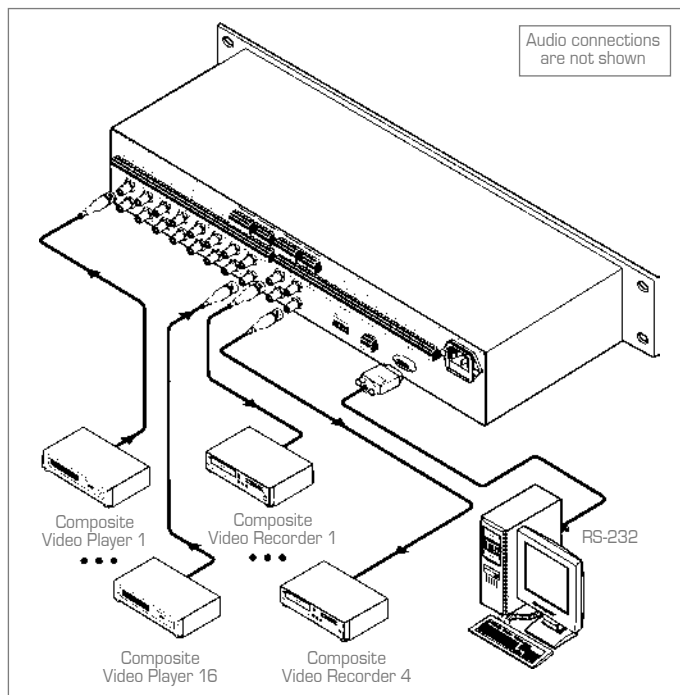
16x4 Composite Video & Balanced Stereo Audio Matrix Switcher



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.

FEATURES

- **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

INPUTS:	16 composite video, 1Vpp/75Ω on BNC connectors. 16 balanced audio stereo, +4dBm/47kΩ on detachable terminal blocks.
OUTPUTS:	4 composite video, 1Vpp/75Ω on BNC connectors. 4 balanced audio stereo, +4dBm/50Ω (>25dBm max.) on detachable terminal blocks.
BANDWIDTH (-3dB):	Video: 208MHz. Audio: >100kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.04 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N:	73dB.
AUDIO S/N:	82dB unweighted, (1Vpp).
VIDEO CROSSTALK:	-60dB @ 5MHz.
NON LINEARITY:	0.05%.
CONTROL:	Manual, RS-232 or RS-485.
AUDIO THD:	0.021% (1V, 1kHz).
2nd HARMONIC:	0.004%.
SWITCHING:	Vertical interval.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.) 10VA.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
WEIGHT:	3.4kg. (7.5lbs.) approx.
ACCESSORIES:	Power cord, Windows®-based control software, Null modem adapter.

