



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 Kramer software is included), & RS-485.
- **Take Button** - Executes multiple switches all at once.
- **Memory Locations** - Stores 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 stereo audio, +4dBu/47kΩ on detachable terminal blocks.
OUTPUTS:	4 composite video, 1Vpp/75Ω on BNC connectors; 4 balanced stereo audio, +4dBu/50Ω (20Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH (-3dB):	208MHz.
AUDIO BANDWIDTH (-3dB):	100kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.04Deg.
K-FACTOR:	<0.05%.
VIDEO S/N:	73dB.
AUDIO S/N:	82dB unweighted, (1Vpp).
VIDEO CROSSTALK:	-60dB @5MHz.
NON-LINEARITY:	0.05%.
AUDIO THD:	0.021% (1V, 1kHz).
2nd HARMONIC:	0.004%.
SWITCHING:	Vertical interval.
CONTROL:	Manual, RS-232 and RS-485.
INDICATORS:	2 4-character front panel displays.
POWER CONSUMPTION:	230V AC, 50/60Hz, (115V AC, USA) 10VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.4kg (7.5lbs) approx.
INCLUDED ACCESSORIES:	Power cord, Windows®-based Kramer control software, null-modem adapter.

