



VS-1602xl

16x2 Composite Video & Balanced Stereo Audio Matrix Switcher



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.

FEATURES

- **Bandwidth** - 200MHz (-3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based 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.**



VS-1602xl

TECHNICAL SPECIFICATIONS

INPUT:	16/12/10 composite video, 1Vpp/75Ω on BNC connectors. 16/12/10 balanced (or unbalanced) audio stereo, + 4dBu/47kΩ on detachable terminal blocks.
OUTPUT:	2 composite video, 1Vpp/75Ω on BNC connectors. 2 balanced (or unbalanced) audio stereo, + 4dBu/50Ω (20 Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH(- 3dB):	200MHz.
AUDIO BANDWIDTH(- 3dB):	100 kHz.
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:	230V AC, 50/60 Hz, (115V AC, USA) 10VA.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
WEIGHT:	3.4 Kg (7.5 Lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.

