



VS-848

8x8 Composite Video & Balanced Stereo Audio Matrix Switcher (200MHz)



The VS-848 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** - 200MHz (-3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, & IR Remote (included) & Remote IR receiver (optional).
- **Take Button** - Executes multiple switches all at once.
- **Memory Locations** - Stores multiple switches as presets (salvos) to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizes either to external reference or the incoming video.
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size - 2U.**



VS-848

TECHNICAL SPECIFICATIONS

INPUTS:	8 composite video, 1Vpp/75Ω on BNC connectors; 1 sync/video genlock, 1Vpp/75Ω with sync select switch; 8 balanced stereo audio, +4dBu/33kΩ on detachable terminal blocks.
OUTPUTS:	8 composite video, 1Vpp/75Ω on BNC connectors; 8 balanced stereo audio, +4dBu/50Ω (24Vpp max) on detachable terminal blocks.
VIDEO BANDWIDTH (-3dB):	200MHz.
MAX. AUDIO:	24Vpp (>20dBu).
AUDIO BANDWIDTH (-3dB):	100kHz.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.03Deg.
K-FACTOR:	<0.05%.
VIDEO S/N:	74dB.
AUDIO S/N:	84dB unweighted (1Vpp).
VIDEO CROSSTALK:	-50dB @5MHz.
NON-LINEARITY:	0.1%.
AUDIO THD:	0.025% (1V, 1kHz).
2nd HARMONIC:	0.013%.
SWITCHING:	Vertical interval.
CONTROL:	Manual, RS-232, RS-485, IR remote (included).
POWER CONSUMPTION:	230V AC, 50/60Hz, (115V AC, USA) 14VA.
DIMENSIONS:	19" x 7" x 2U (W, D, H) rack mountable.
WEIGHT:	3.5kg (7.8lbs) approx.
INCLUDED ACCESSORIES:	Power cord, Windows®-based control software, null-modem adapter, IR remote control.

