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.
- **Take Button** - Execute multiple switches all atonce.
- **Memory Locations** - Store multiple switchesas presets (salvos) to be recalled and executedwhen needed.
- Audio Breakaway Switching.
- Vertical Interval Switching.
- **Switching Synchronization** - Synchronizeeither to external reference or the incomingvideo.
- Selectable Sync Signal Termination.
- **Standard 19" Rack Mount Size** - 2U.

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TECHNICAL SPECIFICATIONS

INPUTS:	8 Composite Video, 1Vpp/75Ω on BNCs.1 Sync/Video Genlock 1Vpp/75Ω with sync select switch. 8 balanced stereo audio, + 4dBm/33 KΩ on detachable terminal blocks.
OUTPUTS:	8 Composite Video, 1Vpp/75Ω on BNCs. 8 balanced stereo audio, +4dBm/50W (24 Vpp max.) on detachable terminal blocks.
AUDIO BANDWIDTH:	Exceeding 100 kHz.
VIDEO BANDWIDTH:	Exceeding 200 MHz.
NON LINEARITY:	<0.1%
VIDEO CROSSTALK:	<-50dB @ 5MHz.
VIDEO S/N:	74 dB.
AUDIO S/N:	88 dB Unweighted (1Vpp).
CONTROL:	Manual, RS-232 or RS-485
AUDIO THD:	0.025% (1V, 1kHz).
SWITCHING:	Vertical Interval.
NON-LINEARITY:	0.1%.
DIFF. PHASE:	0.03 Deg.
MAXIMAL AUDIO:	24 Vpp (>20dBm).
K-FACTOR:	<0.05%.
DIFF. GAIN:	0.05%
DIMENSIONS:	19 inch (W), 7 inch (D) 2U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.), 14 VA.
WEIGHT:	3.5 kg (7.8 lbs.) Approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.