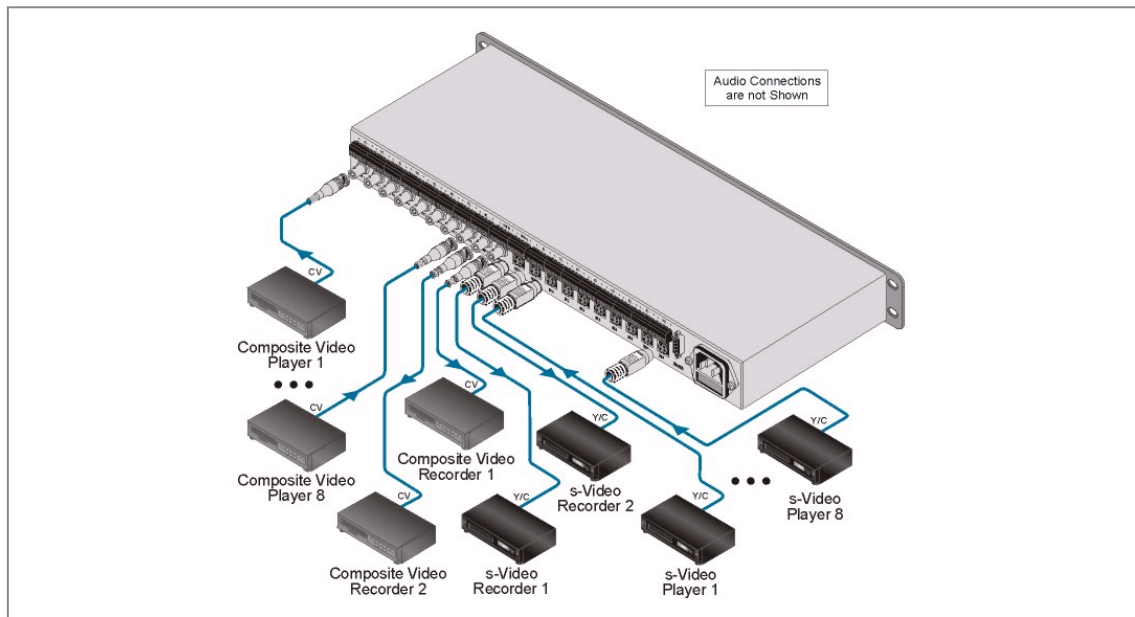## VS-812

8x1 Composite-YC-Audio Switcher

The VS-812 is a unique dual-format switcher and distribution amplifier for composite and s-Video (Y/C) and balanced stereo audio signals. Each of the eight inputs can be configured as either composite or s-Video (Y/C), which is converted to to produce composite and s-Video (Y/C) outputs simultaneously.

VS-812

FEATURES

- **High Bandwidth** - 370MHz (- 3dB) composite &190MHz (- 3dB) s-Video.
- **Dual Format** - 8 x 1 switcher with each inputbeing composite or s-Video selectable through 8front panel switches.
- **Built-in Bi-Directional Format Conversion** - 2composite and 2 s-Video (Y/C) outputs are live atall times regardless of input configuration.
- **Vertical Interval Switching.**
- **Control** - Front panel RS-232 (K-Router™Windows - based software is included), and 8front panel input configuration switches.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

INPUTS:	8 CV, 1 Vpp/75 Ω on BNCs. 8 Y/C, 1Vpp/75 Ω (Y), 0.3Vpp/75 Ω (C) on4P connectors. 8+8 audio stereo, +4dBm/25k, on detachable terminal blocks.
OUTPUTS:	2 CV, 1 Vpp/75 Ω on BNCs. 2 Y/C, 1Vpp/75 Ω (Y), 0.3Vpp/75 Ωs (C) on4P connectors. 2 audio stereo, +4dBm/50 Ω, on detachable terminal blocks.
MAX. OUTPUT LEVEL:	2.3 Vpp /75 ohms (CV or Y), 20 Vpp (audio)
BANDWIDTH (-3dB):	370 MHz (CV), 190 MHz (Y), 100 kHz (audio)
DIFF. GAIN:	<0.05%
DIFF. PHASE:	<0.09 deg.
K-FACTOR:	<0.05%
S/N RATIO:	68.8 dB (CV), 73 dB (audio, 1Vpp)
CROSSTALK:	-56 dB (CV, all hostile), -79 dB (audio, 1kHz)
CONTROLS:	8 front panel touch switches, 8 front panel program switches, RS-232
COUPLING:	DC for video, AC for audio
AUDIO THD:	<0.025%
AUDIO 2nd HARMONIC:	<0.001%
POWER SOURCE:	230 VAC 50/60 Hz, 18.4 VA (115 VAC, USA)
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable
WEIGHT:	3 kg. (6.6 lbs.)
ACCESSORIES:	Power cord, Windows ™ base control software