

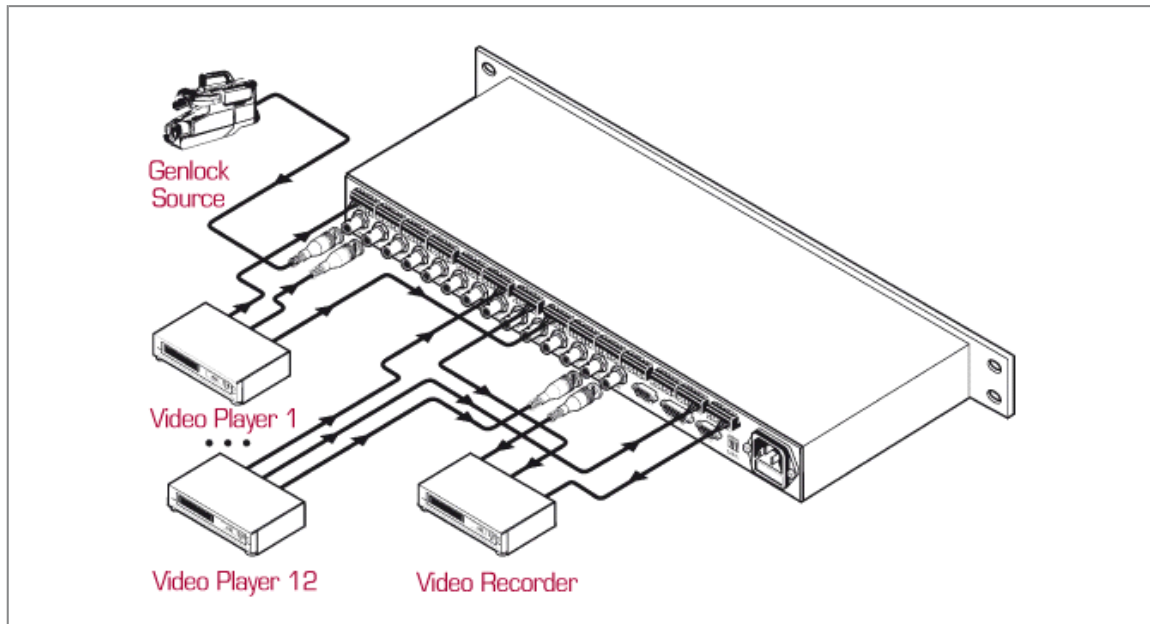


## VS-411

### 4x1 Composite Video & Balanced Stereo Audio Switcher



The VS-411 is a high-performance switcher for composite video and balanced audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.





## VS-411

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### FEATURES

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- **Bandwidth** - 250MHz (-3dB).
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizes either to external reference or the incoming video.
- **Control** - Front panel RS-232 (K-Router™ Windows®-based software is included), RS-485, & contact closure.
- **Standard 19" Rack Mount Size** - 1U.

### TECHNICAL SPECIFICATIONS

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<b>INPUTS:</b>	4 composite/single component video, 1Vpp/75Ω, on BNC connectors. 4 audio balanced stereo, +4dBu, 10kΩ, on 2-part, snap fit terminal blocks. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
<b>OUTPUT:</b>	1 composite/single component video, 1Vpp/75Ω on a BNC connector; 1 balanced stereo audio +28Vpp/50Ω, (24dBu) on terminal block.
<b>BANDWIDTH (-3dB):</b>	Video: 250MHz (typical); Audio: 55kHz.
<b>DIFF. GAIN:</b>	0.04%.
<b>DIFF. PHASE:</b>	0.03Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>S/N RATIO:</b>	Video: 77.6dB; Audio: 95dB, unweighted.
<b>NON-LINEARITY:</b>	0.1%.
<b>AUDIO CROSSTALK:</b>	-79dB.
<b>AUDIO THD+NOISE:</b>	0.02%.
<b>2nd HARMONIC:</b>	0.003% (1kHz).
<b>CONTROL:</b>	12 illuminated front panel buttons, RS-232, RS-485 and contact closure.
<b>POWER SOURCE:</b>	230V AC, 50/60Hz, (115V AC USA), 15VA (VS-411, VS-611), 17VA (VS-1011).
<b>DIMENSIONS:</b>	19" x 7" x 1U W, D, H, rack mountable.
<b>WEIGHT:</b>	3.1kg (6.88lbs) approx.
<b>ACCESSORIES:</b>	Power cord, Windows®-based control software, null-modem adapter.