



6X1 COMPOSITE VIDEO & BALANCED STEREO AUDIO SWITCHER



**DESCRIPTION**

The VS-411, VS-611, VS-811, VS-1011, VS-1211 are high performance switchers for composite video and balanced audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

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

**SPECIFICATIONS**

INPUTS:	6 composite/single component video, 1Vpp/75Ω, on BNC connectors. 6 audio balanced stereo, + 4dBm, 10kΩ, on 2-part, snap fit terminal blocks. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
OUTPUTS:	1 composite/single component video, 1Vpp/75Ω on a BNC connector. 1 audio balanced stereo up to +28Vpp/50Ω, (24dBm) on terminal blocks.
VIDEO BANDWIDTH (-3DB):	250MHz. (typical).
AUDIO BANDWIDTH (-3DB):	55 kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.03°.
K-FACTOR:	<0.05%.
AUDIO S/N RATIO:	95dB, Unweighted.
NON LINEARITY:	0.1%.
VIDEO S/N:	77.6dB.
AUDIO CROSSTALK:	-79dB.
CONTROL:	12 illuminated front-panel touch switches, RS-232, RS-485 and contact closure.
AUDIO THD+NOISE:	0.02%.
2ND HARMONIC:	0.003% (1kHz).
POWER SOURCE:	230VAC, 50/60 Hz, (115VAC U.S.A.) 16 VA (VS-1211).
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	3.1 kg (6.88lbs) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.

