



VS-601xlm

6x1:3 Composite Video & Stereo Audio Switcher



The **VS-601xlm** is a high-performance switcher for composite video and unbalanced audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- High Bandwidth - 400MHz (-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.
- Output - 3 audio & video.
- Standard 19" Rack Mount Size - 1U.



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TECHNICAL SPECIFICATIONS

INPUT:	6 composite/single component video, 1Vpp/75Ω, on BNC connectors. 6 audio stereo, +4dBu, 10kΩ, on RCA connectors. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
OUTPUTS:	1x3 composite/single component video, 1Vpp/75Ω on BNC connectors. 1x3 audio stereo up to +28Vpp/50Ω, (24dBu) on an RCA connector.
VIDEO BANDWIDTH (-3dB):	400MHz.
AUDIO BANDWIDTH (-3dB):	55kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.03Deg.
K-FACTOR:	0.05%.
VIDEO S/N:	77.6dB.
AUDIO S/N RATIO:	90.3dB unweighted.
NON-LINEARITY:	Less than 0.1%.
AUDIO CROSSTALK:	-79dB.
CONTROL:	12 illuminated front-panel touch switches, RS-232, RS-422, contact closure.
AUDIO THD+NOISE:	0.02%.
2nd HARMONIC:	0.003% (1kHz).
POWER SOURCE:	230V AC, 50/60Hz, (115V AC USA).
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	3.1kg (6.88lbs) approx.
ACCESSORIES:	Power cord, Windows®-based control software, null-modem adapter.

