



6X1 COMPOSITE VIDEO & STEREO AUDIO SWITCHER



DESCRIPTION

The VS-401xlm, VS-601xlm, VS-801xlm, VS-1001xlm, and VS-1201xl are high performance switchers for composite video and unbalanced audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

- High Bandwidth - 400MHz (-3dB) for XLM & 250MHz for VS-1201xl.
- Vertical Interval Switching.
- Switching Synchronization - Synchronize either to external reference or the incoming video.
- Control - Front panel RS-232 K-Router™ Windows® - based software is included), RS-485, & contact closure.
- Outputs - 3 audio & video (xlm models).
- Standard 19" Rack Mount Size - 1U.

SPECIFICATIONS

INPUTS:	6 composite/single component video, 1Vpp/75Ω, on BNC connectors. 6 audio stereo, + 4dBm, 10kΩ, on RCA connectors. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
OUTPUTS:	1 x 3 (xlm)/1(xl) composite/single component video, 1Vpp/75Ω on BNC connectors. 1 x 3 (xlm)/ 1 (xl) stereo audio up to + 28Vpp/50Ω, (24dBm) on an RCA connector.
VIDEO BANDWIDTH (-3DB):	250 MHz, 1201xl. 400MHz, 1001xlm - 401xlm.
AUDIO BANDWIDTH (-3DB):	55 kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.03%.
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:	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.

