

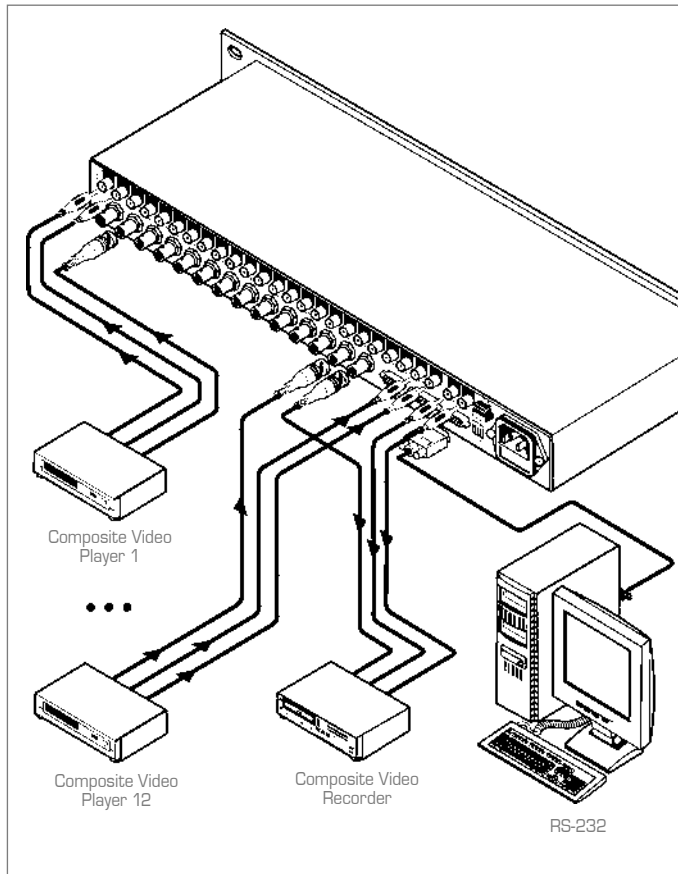
# VS-401xlm/VS-601xlm/VS-801xlm/VS-1001xlm/VS-1201xl 4, 6, 8, 10, & 12x1 Composite Video & Stereo Audio Switchers



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.

## FEATURES

- **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.



## TECHNICAL SPECIFICATIONS

INPUTS:	12, 10, 8, 6, 4 composite/single component video, 1Vpp/75Ω, on BNC connectors. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connectors.
OUTPUTS:	12, 10, 8, 6, 4 audio stereo, +4dBm, 10kΩ, on RCA connector. 1 x 3 (xlm)/1 (xl) composite/single component video, 1Vpp/75Ω on BNC connectors. 1 x 3 (xlm)/1 (xl) audio stereo up to +28Vpp/50Ω, (24dBm) on an RCA connector.
VIDEO BANDWIDTH (-3dB):	250MHz (1201xl); 400MHz (1001xlm - 401xlm).
AUDIO BANDWIDTH (-3dB):	55kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N RATIO:	77.6dB.
AUDIO S/N RATIO:	90.3dB, Unweighted.
NON LINEARITY:	< 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, 50/60Hz, (115VAC U.S.A.) 16VA (VS-1211).
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable.
WEIGHT:	3.1kg. (6.88lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.