

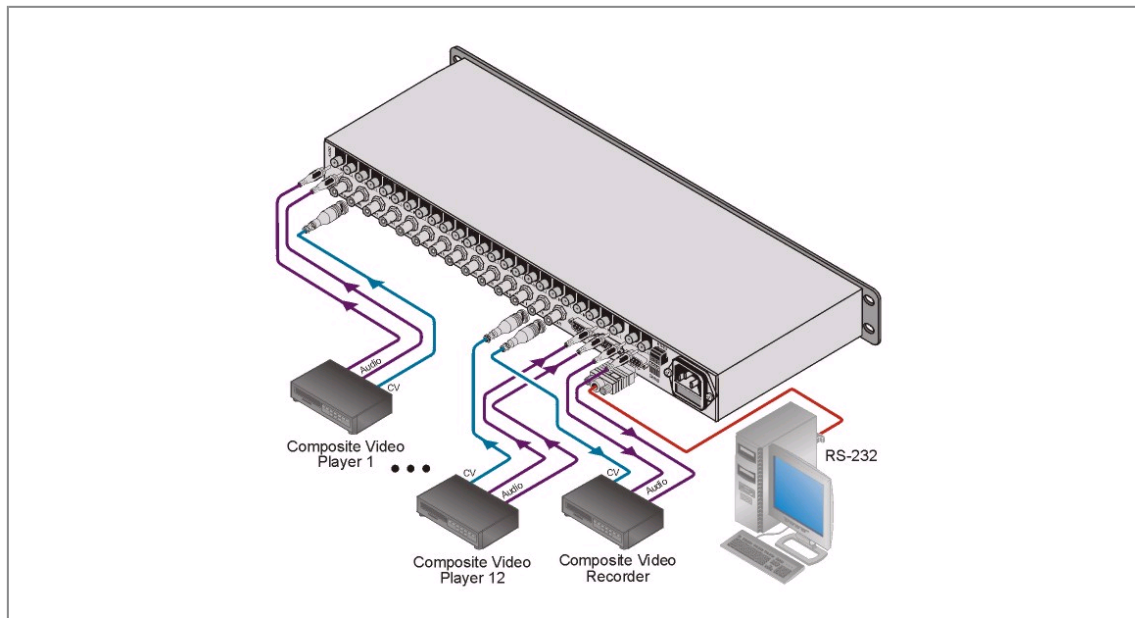


VS-1201xl

Vertical Interval 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.





VS-1201xl

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™ Window® - based software is included), RS-485, & contact closure.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

INPUTS:	12, 10, 8, 6,4 composite / single component Video, 1Vpp/75 Ω , on BNCs 12, 10, 8, 6,4 stereo audio, +4dBm, 10kΩ, on RCA connectors. 1 external sync input (or composite video) 1Vpp/75 Ω , on a BNC connector RS-232 on 9pin D-sub, RS-485 on terminal block, contact closure on 15pin D.
OUTPUTS:	1 composite / single component video, 1Vpp/75Ω on a BNC. 1 stereo audio up to +28Vpp /50Ω, (24dBm) on RCAs.
VIDEO BANDWIDTH:	250 MHz -3dB (typical).
AUDIO BANDWIDTH:	55 kHz, -0.1dB.
NON LINEARITY:	Less than 0.1%
AUDIO THD+NOISE:	0.02%
DIFF. PHASE:	0.03 Deg.
2nd HARMONIC:	<0.003% (1kHz).
DIFF. GAIN:	0.04%
AUDIO CROSSTALK:	-79 dB.
VIDEO S/N:	>77 dB.
AUDIO S/N RATIO:	>90 dB, Unweighted.
K-FACTOR:	<0.05%.
CONTROLS:	12 illuminated front-panel touch switches, RS-232, RS-422, contact closure.
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC U.S.A.) 16 VA (VS-1211).
WEIGHT:	3.1 kg (6.88 lbs.) Approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.