VS-401xlm

4x1:3 Composite Video & Stereo Audio Switcher

| CV | SYNC | STEREO | RS-232 | RS-485 | REMOTE |

The VS−401xlm 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.

TECHNICAL SPECIFICATIONS

INPUT:	4 composite/single component video, 1Vpp/75Ω, on BNC connectors. 4 audio stereo, +4dBu, 10kΩ, on RCA connectors. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
OUTPUTS:	1x3 (xlm) 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 CONSUMPTION:	230V AC, 50/60Hz, (115V AC USA) 16VA (VS−1211).
DIMENSIONS:	19" x 9.3" x 1U W, D, H, rack mountable.
WEIGHT:	3.1kg (6.88lbs) approx
INCLUDED ACCESSORIES:	Power cord, Windows®−based control software, null−modem adapter.