## 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.

## VS-601xlm

### 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 CONSUMPTION: | 230V AC, 50/60Hz, (115V AC USA). |
| DIMENSIONS: | 19" x 7" x 1U W, D, H, rack mountable. |
| WEIGHT: | 3.1kg (6.88lbs) approx. |
| INCLUDED ACCESSORIES: | Power cord, Windows®−based control software, null−modem adapter. |