VS-411

4x1 Composite Video & Balanced Stereo Audio Switcher

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

The VS-411 is a high-performance switcher for composite video and balanced audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Bandwidth** - 250MHz (-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.
- **Standard 19" Rack Mount Size** - 1U.

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TECHNICAL SPECIFICATIONS

INPUTS:	4 composite/single component video, 1Vpp/75Ω, on BNC connectors. 4 audio balanced stereo, +4dBu, 10kΩ, on 2-part, snap fit terminal blocks. 1 external sync input (or composite video) 1Vpp/75Ω, on a BNC connector.
OUTPUT:	1 composite/single component video, 1Vpp/75Ω on a BNC connector; 1 balanced stereo audio +28Vpp/50Ω, (24dBu) on terminal block.
BANDWIDTH (-3dB):	Video: 250MHz (typical); Audio: 55kHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.03Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 77.6dB; Audio: 95dB, unweighted.
NON-LINEARITY:	0.1%.
AUDIO CROSSTALK:	-79dB.
AUDIO THD+NOISE:	0.02%.
2nd HARMONIC:	0.003% (1kHz).
CONTROL:	12 illuminated front panel buttons, RS-232, RS-485 and contact closure.
POWER CONSUMPTION:	230V AC, 50/60Hz, (115V AC USA), 15VA (VS-411, VS-611), 17VA (VS-1011).
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.