VS-626

6x6 Composite Video & Stereo Audio Matrix Switcher (100MHz)

The VS-626 is a high-performance matrix switcher for composite video and unbalanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Bandwidth** - 100MHz (−3dB) fully loaded.
- **Control** - Front panel, RS−232 (K−Router™ Windows®−based software is included), RS−485, IR remote (included).
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizes either to external reference or the incoming video.
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 2U. Rack "ears" included.

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TECHNICAL SPECIFICATIONS

INPUT:	6 composite video, 1Vpp/75Ω on BNC connectors; 1 sync/video genlock with sync select switch; 6 audio stereo up to +4dBu/62kΩ on RCA connectors.
OUTPUT:	6 composite video, 1Vpp/75Ω on BNC connectors; 6 audio stereo, +4dBu/50Ω on RCA connectors.
MAX. VIDEO OUTPUT LEVEL:	2Vpp.
MAX. AUDIO OUTPUT LEVEL:	+/−20Vpp.
VIDEO BANDWIDTH (-3dB):	100MHz.
AUDIO BANDWIDTH (-3dB):	100kHz.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.03Deg.
K-FACTOR:	<0.05%
VIDEO S/N RATIO:	74dB.
AUDIO S/N RATIO:	88dB unweighted (1Vpp).
VIDEO CROSSTALK (all hostile):	−50dB @5MHz.
AUDIO CROSSTALK (all hostile):	−71.4dB @1kHz.
VIDEO COUPLING:	DC.
AUDIO COUPLING:	AC.
AUDIO THD + NOISE:	0.016% (1V, 1kHz).
AUDIO 2nd HARMONIC:	0.012%.
CONTROLS:	Manual, RS−232, RS−485, IR remote.
INDICATORS:	6−character front panel display.
POWER CONSUMPTION:	230V AC, 50/60Hz (115 VAC, USA), 17VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.4kg (7.5lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null−modem adapter, Windows®−based control software, IR remote, rack "ears".