KRAMER

VS-4x4YCxl
4x4 s-Video & Balanced Stereo Audio Matrix Switcher

The VS-4x4YCxl is a high-performance matrix switcher for s-Video (Y/C) and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Bandwidth (Y)** - 75MHz (−3dB) fully loaded.
- **Control** - Front panel, RS−232 (K−Router™ Windows®−based software is included), & RS−485, IR remote (included).
- **Front Panel Control Lockout.**
- **Take Button** - Executes multiple switches all at once.
- **Memory Locations** - Stores multiple switches as presets (salvos) to be recalled and executed when needed.
- **Audio Gain Level Controls** - Input and output via RS−232.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizes either to external reference or the incoming video.
- **Selectable Sync Signal Termination.**
- **Worldwide Power Supply** - 100−240V AC.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

INPUTS:	4 s−Video, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4−pin connectors; 4 balanced stereo audio, +4dBu/25kΩ on detachable terminal blocks.
OUTPUTS:	4 s−Video, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4−pin connectors. 4 balanced stereo audio, +4dBu/47Ω on detachable terminal blocks.
MAX. OUTPUT LEVEL:	Video: 2.5Vpp; Audio: +19dBu.
BANDWIDTH (-3dB):	Video: 75MHz, fully loaded; Audio: 28kHz.
DIFF. GAIN:	<0.02%.
DIFF. PHASE:	<0.02Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 82dB; Audio: 74dB.
CROSSTALK (all hostile):	Video: −61dB @5MHz; Audio: −70dB @20kHz.
COUPLING:	Video: DC; Audio: DC at input, AC at output.
AUDIO THD + NOISE:	0.081%.
AUDIO 2nd HARMONIC:	0.044%.
CONTROLS:	Audio gain level control by K−Router software, −91dB to +26dB. Front panel buttons, RS−232, RS−485, IR.
INDICATORS:	2 4−character front panel displays.
POWER CONSUMPTION:	100−240V AC, 50/60Hz, 14VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.7kg (6lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null−modem adapter, Windows®−based Kramer control software, infrared remote control transmitter.