



KRAMER ELECTRONICS, LTD

GROUP 2

8x1 Vertical Interval s-Video Switcher VS-2081S

The Kramer VS-2081S is a high performance 8x1 vertical interval switcher for s-Video (YC) signals using 4 pin connectors. One of up to eight s-Video inputs can be routed to a single output. Although it is technically an 8x1 unit, two identical outputs are provided to simultaneously drive two monitors, projectors, or other receiving devices. Since switching is performed during the vertical interval, glitch-free transitions are provided when sources share a common reference sync.

The VS-2081S is designed to be easily expandable to

create larger switching systems. For example, two units combine to form a 16x1, etc. Multiple VS-2081S's operated in parallel can also be looped through to become 8x2, 8x3 etc.

The VS-2081S can be controlled by front panel buttons or by RS-232 serial commands. For systems requiring control via a Windows™ based personal computer, Kramer's new control software is included at no additional cost.



TECHNICAL SPECIFICATIONS

INPUTS:	8 s-Video, 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors with termination switches for looping.
OUTPUT:	2 s-Video, 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors. 1 DB-9 connector for control when cascading, 1 DB-9 connector for RS-232.
BANDWIDTH:	60 MHz. -3dB (Y).
VIDEO CROSSTALK:	-50 dB.
DIFF. GAIN:	0.06%.
DIFF. PHASE:	0.12 Deg.
K-FACTOR:	<0.05%.
LUMA S/N:	75 dB.
OUTPUT COUPLING:	DC for Y, AC for C.
CONTROL:	8 illuminated front-panel touch switches, RS-232.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC U.S.A.) 8.3 VA.
WEIGHT:	2.6 kg. (5.8 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- Any professional A/V system requiring high quality s-Video switching.
- CCTV and security applications.
- Live broadcast applications for switching between cameras in real-time.