



KRAMER ELECTRONICS, LTD

GROUP 2

5x1 Vertical Interval s-Video Switcher VS-55YC

The Kramer VS-55YC is a high performance 5x1 vertical interval switcher designed for s-Video (YC) signals. One of up to five sources can be routed to one monitor, projector, or other receiving device. Since it switches during the vertical interval, transitions are glitch-free when sources share a common reference sync. The LINK connector is designed to allow the addition of a VS-55A (see page 2.35) to form "audio-follow-video" systems. The VS-55YC also provides an EXT connector, which

allows multiple units to be combined to form larger switching systems. For example, two units will form a 10x1, three will form a 15x1, etc. A 12VDC-power supply is included for typical operation but the optional model VA-50P can power up to six Kramer devices requiring 12VDC. All Kramer VS-55 series products can be rack-mounted using the model RK-50RN kit which holds two units in one vertical rack space.



TECHNICAL SPECIFICATIONS

INPUTS:	5 s-Video 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P type connectors.
OUTPUT:	1 s-Video 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) on a 4P type connector.
VIDEO BANDWIDTH (Y):	120 MHz, -3dB.
SWITCHING:	During vertical interval of source no. 1.
DIFF. GAIN:	0.03%.
DIFF. PHASE (C):	0.07 degrees.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT (Y):	1.4 Vpp / 75 (Y).
VIDEO S/N RATIO (Y):	Better than 78 dB.
CONTROL:	5 front-panel touch switches, contact closure - via the link connector.
POWER SOURCE:	12 VDC, 125mA.
DIMENSIONS:	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.7"), W, D, H.
WEIGHT:	0.64 kg. (1.4 lbs.) approx.
ACCESSORIES:	12 VDC power supply.
OPTIONS:	19" rack adapter RK-50RN (see page 6.23 for details).

TYPICAL APPLICATIONS

- Any professional display system requiring high quality s-Video switching.
- Video and audio production studios.
- Security, CCTV, and home theater systems.