



KRAMER ELECTRONICS, LTD

GROUP 2

6x6 Vertical Interval Video Audio Matrix Switcher

VS-606xl

The Kramer VS-606xl is a high performance, 6x6 vertical interval matrix switcher for composite video and audio stereo signals. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. Since the VS-606xl switches during the vertical interval, transitions are glitch-free when sources share a common reference sync.

There are many updated features on this popular design including audio breakaway, which provides the ability to switch audio independently from video. Six preset memory locations are provided for quick access to common

configurations. Also, the TAKE button allows the user to place multiple switches in a queue, then activate them with one touch of this button. Kramer's new controlcontrol software is included for applications where a Windows™ based PC is used to control the VS-606xl. There are a total of three ways to control the VS-606xl: front-panel buttons, RS-232, and RS-485. It is dependable, rugged, and fits in two vertical spaces of a standard 19" rack. Video bandwidth of 200MHz ensures that the VS-606xl remains transparent even in the most critical applications.



TECHNICAL SPECIFICATIONS

INPUTS:	6 composite video, 1 Vpp / 75 on BNCs. 1 sync / video genlock 1 Vpp / 75 with sync select switch. 6 audio stereo, + 4 dBm / 62 k on RCAs.
OUTPUTS:	6 composite video, 1 Vpp / 75 on BNCs. • 6 audio stereo, +4 dBm / 50 (27 Vpp max.) on RCAs.
VIDEO BANDWIDTH:	200 MHz. -3 dB.
AUDIO BANDWIDTH:	100 kHz. -3 dB.
VIDEO CROSSTALK:	< -50 dB @ 5 MHz.
NON LINEARITY:	< 0.1%.
VIDEO S/N:	74 dB.
AUDIO S/N:	88 dB unweighted, (1Vpp).
CONTROL:	Front panel touch switches, RS-232 and RS-485.
DIFF. GAIN:	0.05%.
AUDIO THD:	0.016% (1V, 1kHz.).
DIFF. PHASE:	0.03 Deg.
SWITCHING:	Vertical Interval.
K-FACTOR:	< 0.05%.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz., (115VAC, U.S.A.) 11VA.
WEIGHT:	3.4 kg (7.5 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- Any professional system requiring outstanding value in a 6x6 matrix switcher.
- Production and duplications facilities, rental and staging.
- Security, CCTV, and home theater systems.