K KRAMER

8x8 Video Matrix Switcher   VS-88V

The Kramer VS-88V is a high performance 200MHz video bandwidth 8x8 composite video matrix. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. It switches during the vertical interval and transitions are glitch-free when sources share a common reference sync.

The VS-88V accepts analog video as the external source for its vertical trigger. Both the front-panel touch switches and the built-in RS-232 and RS-485 interfaces may be used to control the machine. Fifteen preset memory locations are provided for quick access to the most frequently used configurations. The unit ships with Windows 95/98/NT™ control software, and an optional desktop or rack-mountable remote control panel is also available. The VS-88V works as a stand-alone unit as well as part of a Kramer multi-signal switcher system, including digital and analog video, digital and analog audio, and RS-422 control switchers. When engaged in a system, it provides the rest of switchers with the vertical interval trigger.

TECHNICAL SPECIFICATIONS

INPUTS:	8 composite video, 1Vpp/75 on BNCs, looping analog sync inputs 1Vpp / 75 on BNCs.
OUTPUTS:	8 composite video, 1Vpp/75 on BNCs.
VIDEO BANDWIDTH:	200 MHz. -3dB.
VIDEO CROSSTALK:	< -50 dB @ 5 MHz.
VIDEO S/N:	74 dB.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	< 0.05%.
SWITCHING:	During vertical interval from analog sync.
CONTROLS:	22 front-panel touch switches, RS-232 and RS-485 control interface.
DISPLAY:	Current switcher status on 8 7-segment bright LEDs.
DIMENSIONS:	19-inch (W) x 7-inch (D) x 1U (H), rack mountable.
POWER:	Universal, 85-264 VAC, 47-440 Hz, 25 VA max.
WEIGHT:	3.5 kg. (7.8 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

▣ Video Broadcast studios for On-Air switching and signal routing.

▣ Non-linear editing suites.

▣ Video production studios, for connecting various sources to acceptors.