



16x16 Video Matrix Switcher

VS-1616V

The Kramer VS-1616V is a high performance 16x16 vertical interval matrix switcher for composite video signals on BNC connectors. In addition to its typical 16x16 operation, the VS-1616V can be configured as an 8x8 for S-video (YC), 5x5 for YUV or 4x4 for RGBS signals. Four SYNC options make it appropriate for a wide range of applications for glitch-free transitions. Excellent video performance ensures that it remains transparent in almost any video application. The VS-1616V may be controlled via the front-panel touch switches, via their serial RS-232 and RS-485 ports (with either hexadecimal or ASCII codes), and via

external dry-contact pushbuttons. The user-friendly LCD display makes operation even easier, and 16 preset memory locations are provided for quick access to the most often used configurations. The unit includes Windows 95/98/2000/NT™ based control software. The VS-1616V may be used as a single unit, or it can be expanded up to 96 x 96 inputs/outputs. It can be configured into a Kramer multi-signal switcher system including digital and analog video, digital and analog audio, and RS-422 control switchers. When integrated in a system, all units switch in true audio-follow-video mode.



TECHNICAL SPECIFICATIONS

INPUTS:	16 composite video, or 8 s-Video (YC), or 4 RGBS, or 5 YUV, 1Vpp/75 , on BNCs.
OUTPUTS:	16 composite video, or 8 s-Video (YC), or 4 RGBS, or 5 YUV, 1Vpp/75 , on BNCs.
MAX. OUTPUT LEVEL:	2.18 Vpp / 75
BANDWIDTH (-3dB):	230 MHz.
DIFF. GAIN:	0.01%.
DIFF. PHASE:	0.01 deg.
K-FACTOR:	<0.05%.
S/N RATIO:	70.2 dB.
CROSSTALK:	-52 dB @ 5 MHz, all hostile.
CONTROLS:	Manual via front panel switches, RS-232 or RS-485.
COUPLING:	DC.
POWER SOURCE:	115/230 VAC, 50/60 Hz, 23VA.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
WEIGHT:	3.5 Kg (7.8 Lbs.) Approx.
ACCESSORIES:	Power cord, Windows™ control software, Null modem adapter.

TYPICAL APPLICATIONS

- Any professional display system requiring video signal routing.
- Broadcast, presentation and production facilities.
- Rental and staging applications.