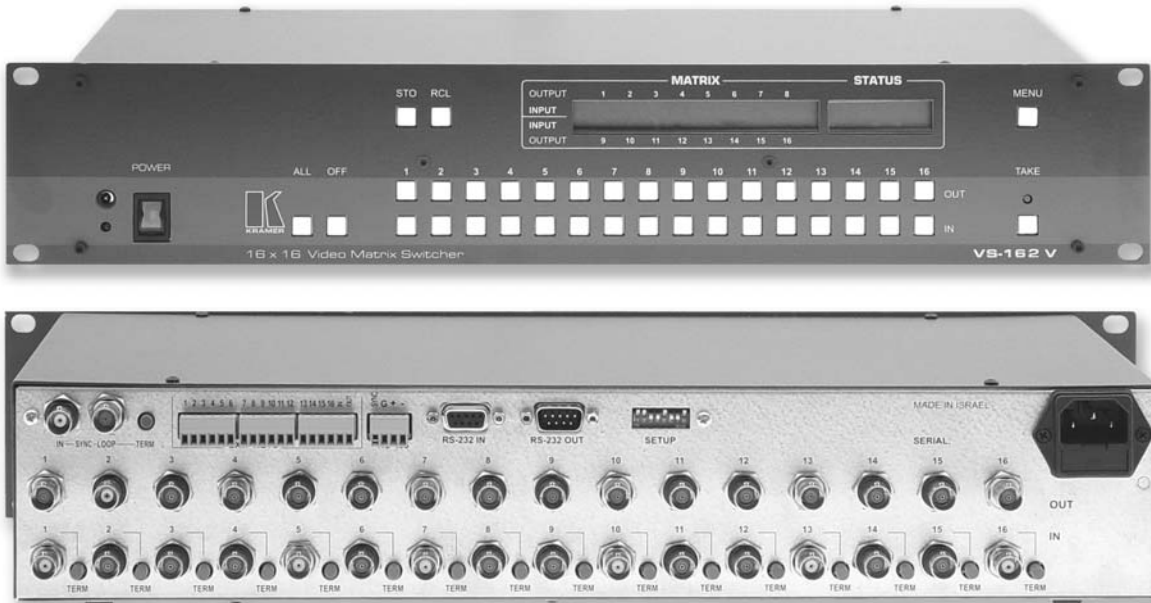




16x16 Video Matrix Switcher VS-162V

The Kramer VS-162V 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-162V 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-162V 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-162V 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): | 100 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

- Broadcast, presentation and production facilities.
- Rental and staging applications.
- Monitoring in large duplication systems.
- Any professional display system requiring video signal routing.