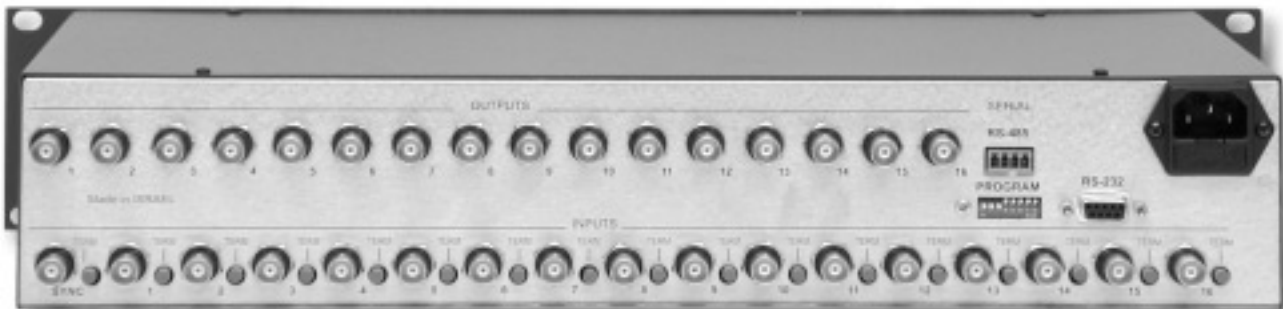
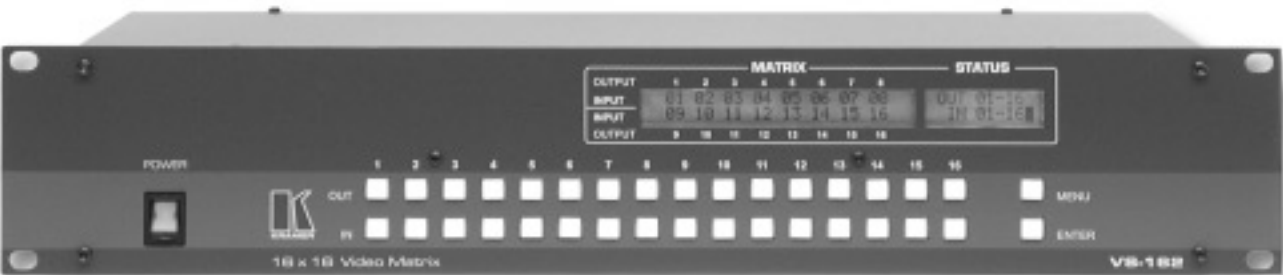


16x16 Video Matrix Switcher

VS-162

The Kramer VS-162 is designed primarily as a high performance 16x16 vertical interval matrix switcher for composite video signals using BNC connectors, but can be configured for other signal formats. It is a true matrix allowing any input to be routed to any or all outputs simultaneously. Since the VS-162 switches during the vertical interval, transitions are glitch-free when sources share common reference sync. 15 non-volatile preset memory settings are provided for easy recall of common configurations. In addition to its typical 16x16 operation, the VS-162

can be configured as an 8x8 for s-Video (YC), 5x5 for YUV, or 4x4 for RGBS signals. It is easily expandable to create larger switching systems. For example, two units combine to form a 16x32 system, etc. Also, multiple VS-162's can be operated in parallel for larger multi-channel systems. For example, two units can be used as a 16x16 for s-Video. Video bandwidth is 100 MHz. Control is by simple front panel buttons or RS-232 serial commands from touch screen systems, personal computer, or other dedicated serial controllers.



VIDEO AND AUDIO SWITCHERS, MATRIX SWITCHERS AND CONTROLLERS

TECHNICAL SPECIFICATIONS

INPUTS:	16 composite video, or 8 s-Video, or 4 RGBS, or 5 YUV, 1 Vpp / 75
OUTPUTS:	16 composite video, or 8 s-Video, or 4 RGBS, or 5 YUV, 1 Vpp / 75
BANDWIDTH (-3dB):	100 MHz. -3dB (typical).
DIFF. GAIN:	<0.13 %.
DIFF. PHASE:	<0.08 Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	76 dB.
CROSSTALK:	<-53 dB @ 5MHz.
CONTROLS:	34 selector switches; RS-232, RS-485.
SWITCHING:	Vertical interval.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 10VA.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack-mountable.
WEIGHT:	3.5 kg (7.8 lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows 95/98/NT™ Kramer control software.

TYPICAL APPLICATIONS

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