



KRAMER ELECTRONICS, LTD

GROUP 2

## 8x1 VGA/XGA/Audio Switcher

VP-81

The Kramer VP-81 is an 8x1 switcher for VGA/XGA signals and balanced audio stereo signals. It is designed to route one of up to eight inputs to one output using 15pin HD female connectors for the VGA/XGA signals, and detachable terminal block connectors for audio. Bandwidth exceeding 400MHz ensures transparent VGA/XGA performance. The inputs and output are directly coupled, and conform to the highest standards.

The VP-81 can be controlled by front panel switches, or remotely by RS-232 serial commands transmitted by a touch screen system, personal computer, or other serial control device. In addition, the machine allows for simple, remote contact-closure control and is a perfect match for Kramer's VPM-2 (see page 4.24) wall mount units. The machine is housed in a rugged, professional rack mountable enclosure.



## TECHNICAL SPECIFICATIONS

|                  |                                                                                                                                                                              |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INPUTS:          | 8 analog red, green, blue signals - 0.7 Vpp / 75 , H & V syncs, TTL level on HD15F connectors.<br>8 balanced audio stereo signals, +4dBm typ. on detachable terminal blocks. |
| OUTPUTS:         | 1 analog red, green, blue signals - 0.7 Vpp / 75 , H & V syncs, TTL level on HD15F connectors.<br>1 balanced audio stereo signals, +4dBm typ. on detachable terminal blocks. |
| VIDEO BANDWIDTH: | 415 MHz. -3 dB.                                                                                                                                                              |
| VIDEO CROSSTALK: | -47 dB @ 5 MHz., all hostile.                                                                                                                                                |
| VIDEO S/N RATIO: | 73 dB.                                                                                                                                                                       |
| DIFF. GAIN:      | 0.04%.                                                                                                                                                                       |
| DIFF. PHASE:     | 0.02 Deg.                                                                                                                                                                    |
| K-FACTOR:        | <0.05%.                                                                                                                                                                      |
| AUDIO BANDWIDTH: | 100 kHz. -3dB.                                                                                                                                                               |
| CONTROL:         | 8 front panel touch switches, RS-232, 8 remote control points on detachable terminal blocks.                                                                                 |
| DIMENSIONS:      | 19-inch (W), 7-inch(D) 1U (H) rack mountable.                                                                                                                                |
| POWER SOURCE:    | 230 VAC, 50/60 Hz, (115 VAC, U.S.A.) 12 VA max.                                                                                                                              |
| WEIGHT:          | 2.7 kg. (6 lbs.) approx.                                                                                                                                                     |
| ACCESSORIES:     | Power cord, Null modem adapter, Windows™ control software.                                                                                                                   |

## TYPICAL APPLICATIONS

- Any professional display system requiring simple eight way input selection.
- Remote monitoring of computer activity in schools and businesses.
- Rugged enclosure and standard AC power cable are ideal for rental/staging applications.
- Multimedia and presentation source selection.