# VP-4x4K

4x4 Computer Graphics Video & Balanced Stereo Audio Matrix Switcher



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.
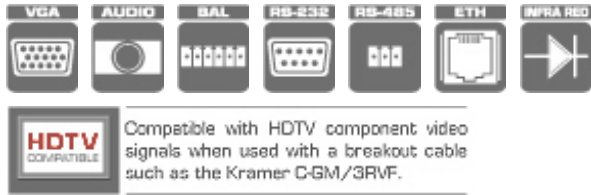
The VP-4x4K is a high-performance matrix switcher for computer graphics video signals, with resolutions up to and exceeding UXGA, and balanced stereo audio signals. The unit can route any or all inputs to any or all outputs simultaneously.

## FEATURES

- **High Bandwidth** - 400MHz (−3dB).
- **HDTV Compatible.**
- **Kr-isp® Advanced Sync Processing** - Ensures compatibility with a wide range of computers (even if the sync level is too low) by restoring the sync signal waveform.
- **Delayed Switching™** - Up to a 3.5s (user selectable) delay for clean switching.
- **Audio Breakaway Switching.**
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed.
- **ALL/OFF Controls** - Sends one input to all outputs, can disconnect all outputs, or turn off individual outputs.
- **Take Button** - Executes multiple switches all at once.
- **Front Panel Control Lockout.**
- **Active Input Indication™ Reporting** - Each input button on the front panel automatically lights when the unit detects a video signal on that input. When an input is selected for switching, the button changes to a different color to indicate it is the active input.
- **Input and Output Audio Level Control.**
- **Flexible Control Options** - Front panel, RS−485, RS−232 (K−Router™ Windows®−based software is included), Ethernet, iPhone® App & IR remote (included).
- **Worldwide Power Supply** - 100−240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.

## VP-4x4K

### TECHNICAL SPECIFICATIONS

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|---|---|
| INPUTS: | 4 UXGA on 15−pin HD connectors; 4 unbalanced stereo audio signals on 3.5mm mini jacks. |
| OUTPUTS: | 4 UXGA on 15−pin HD connectors;4 balanced stereo audio signals on 5−pin terminal block connectors. |
| MAX. OUTPUT LEVEL: | Video: 2.2Vpp; Audio: >15Vpp. |
| BANDWIDTH (-3dB): | Video: 400MHz; Audio: 19kHz. |
| DIFF. GAIN: | 0.07%. |
| DIFF. PHASE: | 0.03Deg. |
| K-FACTOR: | <0.05%. |
| S/N RATIO: | Video: 73.5dB @5MHz; Audio: 76dB unweighted. |
| CROSSTALK (all hostile): | Video: −48dB @5MHz; Audio: −54dB @1MHz. |
| COUPLING: | Video: DC; Audio: AC. |
| AUDIO THD + NOISE: | 0.065% @1kHz. |
| AUDIO 2nd HARMONIC: | 0.002% @1kHz. |
| CONTROLS: | Front panel buttons, RS−485, RS−232, IR & Ethernet. |
| INDICATORS: | 4−character display on the front panel. |
| POWER CONSUMPTION: | 100−240V AC, 18VA max. |
| DIMENSIONS: | 19" x 7" x 1U W, D, H, rack mountable. |
| WEIGHT: | 2.7kg (6lbs) approx. |
| INCLUDED ACCESSORIES: | Power cord, null−modem adapter, Windows®−based control software, rack "ears". |