



VP-4x4K

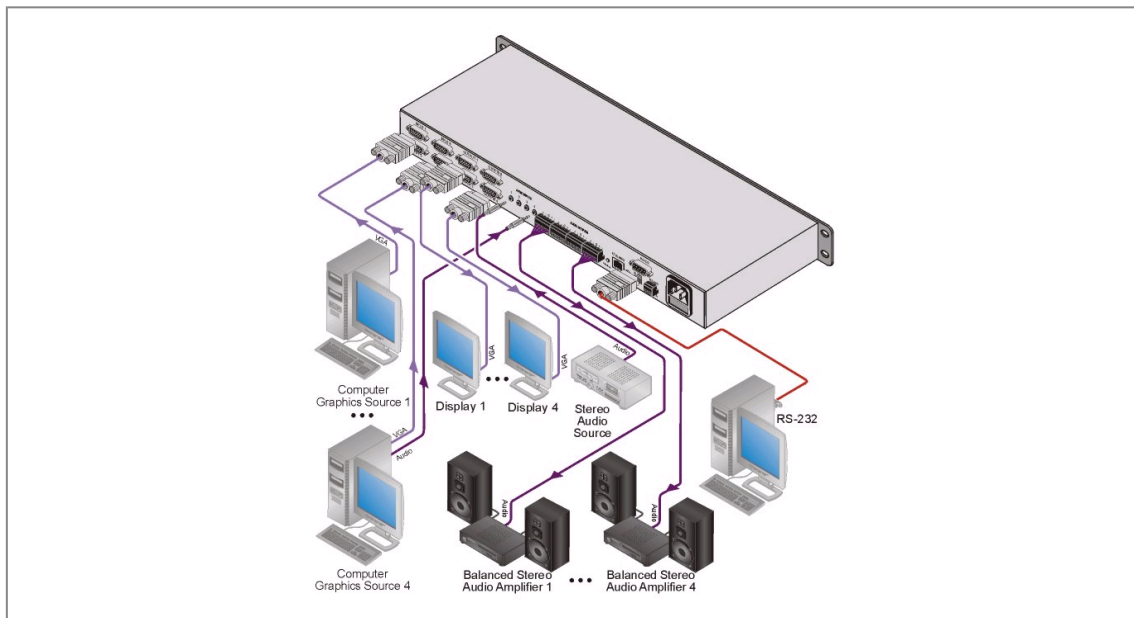
4x4 Computer Graphics Video & Balanced Stereo Audio Matrix Switcher



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.





VP-4x4K

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. KR-ISP advanced sync processing can be enabled or disabled.
- **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 Lock Out.**
- **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, IR remote (included).
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUTS:	4 UXGA on 15-pin HD connectors 4 unbalanced audio stereo signals on 3.5mm mini plug connectors
OUTPUTS:	4 UXGA on 15-pin HD connectors 4 balanced audio stereo 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
CONTROLS:	Input-output selector, AFV, VID, AUD, STO, LOCK, RCL, TAKE, DELAY, MACH. #, RS-485, RS-232, REMOTE IR
COUPLING:	VIDEO: DC; AUDIO: AC
AUDIO THD + NOISE:	0.065% @1kHz
AUDIO 2nd HARMONIC:	0.002% @1kHz
POWER SOURCE:	100-240V AC, 18VA max.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable
WEIGHT:	2.7kg (6 bs) approx
ACCESSORIES:	Power cord, Null modem adapter, Windows®-based control software