



# KRAMER

## VP-4x4K

4x4 Computer Graphics Video & Balanced  
Stereo Audio Matrix Switcher

| VGA/UXGA - 15-pin HD | Ethernet - RJ-45



The VP4x4K is a highperformance 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, RS485, RS232 (KRouter™ Windows®based software is included), Ethernet, iPhone® App & IR remote (included)

iPhone Control App Link - VP4x4K Control App

Worldwide Power Supply - 100240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included



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## TECHNICAL SPECIFICATIONS

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INPUTS:	4 UXGA on 15pin HD connectors; 4 unbalanced stereo audio signals on 3.5mm mini jacks
OUTPUTS:	4 UXGA on 15pin HD connectors; 4 balanced stereo audio signals on 5pin 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
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.6kg (3.5lbs) approx
SHIPPING DIMENSION:	12.60cm x 8.40cm x 4.10cm (4.96" x 3.31" x 1.61" ) W, D, H
SHIPPING WEIGHT:	2.6kg (5.7lbs) approx
COUPLING:	Video: DC; Audio: AC
AUDIO THD + NOISE:	0.065% @1kHz
AUDIO 2nd HARMONIC:	0.002% @1kHz
CONTROLS:	Front panel buttons, RS485, RS232, IR & Ethernet
INDICATORS:	4character display on the front panel
POWER CONSUMPTION:	100240V AC, 18VA max
INCLUDED ACCESSORIES:	Power cord, nullmodem adapter, Windows@based control software, rack "ears"

