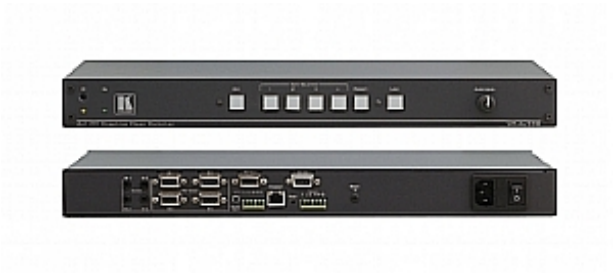
KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

VP-4x1CS

4x1 Computer Graphics Clean Switcher



The VP−4x1CS is a high−performance clean switcher for computer graphics signals up to UXGA (including WUXGA) and unbalanced stereo audio. The unit clean switches any one of four computer graphics video of the same resolution and unbalanced stereo audio inputs to the computer graphics video, balanced and unbalanced stereo audio outputs.

FEATURES

- Max. Resolution - Up to UXGA (including WUXGA).
- 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.
- Clean Switching.
- EDID Handling - The monitor EDID is written to all four inputs. When the monitor is changed, the EDID automatically updates.
- Independent Audio Level Adjustment.
- Audio-Follow-Video Switching.
- Contact Closure Switches - Remote input selection and output muting.
- Lock Button - To prevent unwanted tampering with the front panel buttons.
- Protocol 2000 & 3000 Support.
- Flexible Control Options - Front panel buttons, IR remote with transmitter or optional remote extension cable, RS−232, Ethernet, contact closure switches.
- Standard 19” Rack Mount Size - 1U. Rack "ears" included.

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TECHNICAL SPECIFICATIONS

INPUTS:	4 computer graphics on 15−pin HD connectors, 4 unbalanced stereo audio on 3.5mm mini jack connectors.
OUTPUTS:	1 computer graphics on a 15−pin HD connectors, 1 balanced stereo audio on a 5−pin terminal block, 1 unbalanced stereo audio on a 3.5mm mini jack.
VIDEO BANDWIDTH:	Up to UXGA (including WUXGA).
VIDEO COUPLING:	DC.
COLOR PHASE:	0Deg.
VIDEO INPUT IMPEDANCE:	75Ω.
VIDEO OUTPUT IMPEDANCE:	75Ω.
VIDEO S/N RATIO:	>–52dB @5MHz unweighted.
VIDEO ISOLATION/CROSSTALK:	<–54dB @5MHz unweighted.
AUDIO COUPLING:	AC.
AUDIO INPUT IMPEDANCE:	100kΩ.
AUDIO OUTPUT IMPEDANCE:	150Ω.
DC OFFSET:	40mV.
AUDIO BANDWIDTH:	21kHz @–3dB.
AUDIO SIGNAL/NOISE RATIO:	86dB @1kHz A weighted.
THD + NOISE:	0.008% @1kHz A weighted.
AUDIO CROSSTALK:	–72dB @1kHz.
POWER CONSUMPTION:	100−240V AC, 50/60Hz, 23VA.
CONTROLS:	Front panel buttons, infrared remote control transmitter, RS−232, Ethernet, audio level, remote contact closure input selector switches, remote contact closure mute switch.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
DIMENSIONS:	19” x 7.28” x 1U (W, D, H).
WEIGHT:	1.7kg (3.74lbs) approx.
ACCESSORIES:	Power cord, IR transmitter, rack ”ears”.
OPTIONS:	External remote IR receiver cable.