VP-81K

8x1:2 Computer Graphics Video & Stereo Audio Switcher

VGA	AUDIO	BAL	RS-232	RS-485	ETH	INFRA RED

HDTV COMPATIBLE — Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.
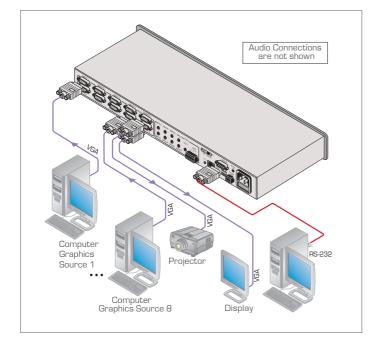
The VP-81K is a high-performance switcher for computer graphics video signals, with resolutions up to and exceeding UXGA, and unbalanced stereo audio signals. The unit can switch any one of eight inputs to two identical video outputs, one balanced and one unbalanced stereo audio outputs.

FEATURES

- **High Bandwidth** - >325MHz (-3dB).
- **HDTV Compatible.**
- **Expandable** - Cascades multiple units.
- **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.
- **Flexible Control Options** - Front panel, RS-485, RS-232 (K-Router™ Windows®-based Kramer software is included), Ethernet control & IR remote (included).
- **Audio Breakaway Switching.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.

Audio Connections are not shown

Computer Graphics Source 1

Computer Graphics Source 8

Projector

Display

VGA

RS-232

TECHNICAL SPECIFICATIONS

INPUTS:	8 UXGA on 15-pin HD connectors (VGA through UXGA); 8 unbalanced stereo audio signals on 3.5mm mini jacks.
OUTPUTS:	2 UXGA on 15-pin HD connectors (VGA through UXGA); 1 unbalanced stereo audio signal on a 3.5mm mini jack; 1 balanced audio stereo signal on a detachable terminal block.
MAX. OUTPUT LEVEL:	Video: 1.9Vpp; Audio: 19.5Vpp.
BANDWIDTH (-3dB):	Video: >325MHz; Audio: 30kHz.
DIFF. GAIN:	0.05%.
DIFF PHASE:	0.05Deg.
S/N RATIO:	Video: 73dB @5MHz; Audio: >70dB.
CROSSTALK (all hostile):	Video: -50dB @5MHz; Audio: -82dB @1kHz.
CONTROLS:	Audio level buttons: -80dB to 5dB, audio and video select buttons, front panel buttons; RS-232, RS-485; IR remote control.
COUPLING:	Video: DC; Audio: AC.
AUDIO THD + NOISE:	<0.2%.
AUDIO 2nd HARMONIC:	<0.04%.
POWER SOURCE:	110-230V AC, 50/60Hz, 8VA max.
DIMENSIONS:	19" x 7" x 1U (W, D, H) rack-mountable.
WEIGHT:	2.7kg (6lbs) approx.
ACCESSORIES:	Power cord, null-modem adapter, Windows® based Kramer control software, IR remote control transmitter, rack "ears".
OPTIONS:	External remote IR receiver cable; 15m extension cable.