

VP-81N/VP-161/VP-321

8, 16, & 32x1 Computer Graphics Video & Balanced Stereo Audio Switchers



The **VP-81N**, **VP-161**, and **VP-321** are high performance switchers for computer graphics video signals, with resolutions ranging from VGA through UXGA and higher, and balanced stereo audio signals. They will switch any one of 8, 16, and 32 inputs to a single output.

Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.



FEATURES

- **High Bandwidth** - VP-81N: 600MHz (-3dB), VP-161: 400MHz (-3db), and VP-321: 250MHz (-3dB)
- **HDTV Compatible.**
- **Control** - Front Panel, RS-232 (K-Router™ Windows® - based software included), & RS-485, contact closure & IR remote (included).
- **ID Bit Control** - each input.
- **Audio Breakaway Switching.**
- **Standard 19" Rack Mount Size** - VP-81N: 1U, VP-161: 2U , & VP-321: 4U

TECHNICAL SPECIFICATIONS

INPUTS:	8 analog red, green, blue signals - 0.7Vpp/75Ω, H & V syncs, TTL level on HD15F connectors. 8 balanced audio stereo signals, + 4dBm typ. on detachable terminal blocks.
OUTPUTS:	1 analog red, green, blue signals - 0.7 Vpp/75Ω, H & V syncs, TTL level on an HD15F connector. 1 balanced audio stereo signal, + 4dBm typ. on a detachable terminal block.
VIDEO BANDWIDTH (- 3dB):	VP-321: >180MHz; VP-161: >300MHz; VP-81N: >500MHz.
AUDIO BANDWIDTH (- 3dB):	100kHz.
AUDIO THD LN:	0.023%.
AUDIO CROSSTALK:	- 65dB@1kHz; -58.8dB@20kHz.
AUDIO S/N RATIO:	83dB, Unweighted.
2nd HARMONIC:	0.002%.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.02 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N RATIO:	73dB.
VIDEO CROSSTALK:	- 63dB@ 5MHz, all hostile.
CONTROL:	8 selector switches; RS-232, RS-485; IR remote control; detachable terminal blocks for remote dry-contact switches. ID bit control.
POWER SOURCE:	230 VAC, 50/60Hz, (115VAC, U.S.A.) 12VA max.
DIMENSIONS:	19-inch (W), 7-inch (D), VP-81N: 1U (H) , VP-161: 2U (H), VP-321: 4U (H) rack-mountable.
WEIGHT:	2.7kg. (6lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows®-based control software.

