



16x8 RGBHV / Audio Matrix Switcher

VP-168

The VP-168 is a 16-input, 8-output, high-bandwidth, high-performance RGBHV audio matrix switcher. Capable of routing 16 different computer inputs to eight different display outputs, the VP-168 is a 420 MHz routing switcher for any computer source from 15kHz to 110kHz. In addition, thanks to the unique video circuit design and the digital sync stabilization circuitry, the VP-168 is capable of routing not only RGB (RGBHV, RGbS, RGSb), signals, but also video, s-video, component video, audio and all the HDTV standards. Housed in a 5U high, rack-mountable, metal enclosure, the VP-168 includes RS 232 control, a simple-switch programmable front panel controller with an LCD

readout, individually buffered inputs (each with audio gain and attenuation) and outputs, 256 programmable presets (accessible via RS 232 control or via the included Windows-compatible program software), and balanced and unbalanced audio switching. The unit is microprocessor controlled and has a perfect price/performance design for small and medium-sized routing applications. The machine permits audio-follow-video, or audio breakaway switching methods. Also available, by special order, VS-168 (Composite), VS-168YC (S-video), VS-168RGB (RGbS/Component), VS-168RGbS (RGbS), all with balanced audio.



TECHNICAL SPECIFICATIONS

INPUTS:	16 RGBHV (5 channel) inputs on BNC connectors. 16 audio (balanced or unbalanced) stereo on terminal block connectors.
INPUT LEVEL:	Video: 0.3V - 2.2 Volts. Sync: 1-9 Vpp.
OUTPUTS:	8 RGBHV (5 channel) outputs on BNC connectors. 8 audio (balanced or unbalanced) stereo on terminal block connectors.
CROSS TALK:	- 50 dB @ 50 MHz.; -31dB @ 150MHz.
GAIN:	Unity (adjustable on the output up to 1.5db).
BANDWIDTH:	420 MHz. -3dB. (video), 30kHz. -3dB. (audio).
RESOLUTION:	Any computer resolution up to 2000 x 1600.
FREQUENCY:	15-110 kHz. horizontal 40-120 Hz. vertical.
IMPEDANCE:	All 75 .
CONTROLS:	Front panel and RS 232.
DIMENSIONS:	19 inch (W), 5U (H).
POWER SOURCE:	Internal switchable 115-230 Volt (50/60 Hz.) supply with IEC power connector.
ACCESSORIES:	Includes rack ears, power cable.