



## 32x16 RGBHV / Audio Matrix Switcher VP-3216

The VP-3216 is a 32-input, 16-output, high-bandwidth, high-performance RGBHV audio matrix switcher. Capable of routing 32 different computer inputs to 16 different display outputs, the VP-3216 is a 380 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-3216 is capable of routing not only RGB (RGBHV, RGsB, RGsB), signals, but also video, s-Video, component video, audio and all the HDTV standards.

The video portion of the switcher is housed in a 5U high, rack-mountable, metal enclosure, the VP-3216 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, and 256 programmable presets

(accessible via RS 232 control or via the included Windows-compatible program software). It is microprocessor controlled and is a perfect price/performance design for small and medium-sized routing applications. The audio portion of the switcher is housed in a 3U high, rack-mountable, metal enclosure, and includes audio gain and attenuation, audio follow video and audio breakaway. The machine permits audio-follow-video, or audio breakaway switching method.

Also available, by special order, VS-3216 (Composite), VS-3216YC (S-video), VS-3216RGB (RGsB/Component), VS-3216RGSB (RGSB), all with balanced audio. Also VP-3216V (RGBHV), VS-3216V (Composite), VS-3216YCV (S-video), VS-3216RGBV (RGsB/Component), VS-3216RGSBV (RGSB), all without audio.



### TECHNICAL SPECIFICATIONS

INPUTS:	32 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 V pp.
OUTPUTS:	16 RGBHV (5 channel) inputs on BNC connectors. 16 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:	380 MHz -3dB. (video), 30kHz. -3dB. (audio).
RESOLUTION:	Any computer resolution up to 2000 x 1600.
FREQUENCY:	15-110 kHz. horizontal 40-100 Hz. vertical.
IMPEDANCE:	All 75 .
CONTROLS:	Front panel and RS 232.
DIMENSIONS:	19 inch (W), 5U (H) + 3U (H) audio.
POWER SOURCE:	Internal 115-230 Volt (50/60 Hz.) supply with IEC power connector.
ACCESSORIES:	Includes rack ears, power cable.