



The **VP-730** and **VP-731** are 9-input scaler/switchers for analog video, digital video and unbalanced stereo audio signals. They up or down-scale composite, s-Video (Y/C), component video (YUV), HDMI, computer graphics video and JPEG files to a selectable computer graphics video or HDTV output resolution on one HDMI and two 15-pin HD outputs. They provide glitch-free switching between sources through FTB™ (fade-thru-black) switching technology. The **VP-731** includes iPhone® App and Ethernet control.

#### FEATURES

- **HQV® Video Processing** - HQV (Hollywood Quality Video) processing represents the state-of-the-art in video processing technology, with the highest quality de-interlacing (with 3:2 & 2:2 pull down), noise reduction, and scaling performance for both standard-definition and high-definition signals.
- **Fade-Thru-Black (FTB™) Switching** - The video fades to black and then the new input fades from black for smooth, glitch-free switching. The output signal provides constant sync so the display never glitches.
- **K-IIT XL™ Picture-in-Picture Image Insertion Technology** - Ultra-stable picture-in-picture, picture-and-picture, and split screen capability. Any video source can be inserted into or positioned next to a computer graphics video source or vice versa with window positioning and sizing controls.
- **Projector Anywhere™ Technology** - Horizontal & vertical geometry controls to compensate for off-axis projector placement.
- **Video Inputs** - 2 universal video each on 3 RCA (composite, s-Video, component), 4 computer graphics/component video (15-pin HD), 2 HDMI and 1 USB (for JPEG data).
- **Scaled Video Outputs** - 1 HDMI & 2 15-pin HD.
- **HDTV Compatible.**
- **HDCP Compliant** - The HDCP (High-Bandwidth Digital Content Protection) license agreement allows copy-protected data on the HDMI input to pass only to the HDMI output.
- **Multi-Standard** - Auto, NTSC (3.58/4.43), PAL (M/N/60) & SECAM.
- **HDTV Compatible Component Input.**
- **HDTV Output Resolutions** - 720p, 1080i, and 1080p.
- **Computer Graphics Output Resolutions** - 23 plus 4 user-definable (custom) output resolutions with selectable refresh rates.
- **Multiple Aspect Ratio Selections.** - 4x3 or 16x9, anamorphic, letter box, and user definable settings.
- **Companion AFV (Audio-Follow-Video)** for Every Analog Video Input - Supports embedded audio on the 2 HDMI inputs and outputs.
- **Built-In Audio Amplifier** - 6W RMS per channel audio amplifier with speaker output connectors.
- **Audio Inputs** - 6 balanced or S/PDIF audio (each selectable) on terminal blocks for each of the 2 universal video and 4 computer graphics video inputs. Individual level adjustment.
- **Audio Outputs** - Stereo speaker, S/PDIF (RCA) and balanced stereo audio (terminal blocks) Embeds audio onto the HDMI output. Master volume control.
- **Audio Delay** - Adjustable from 0 to 340msec.
- **Built-in Time Base Corrector** - Stabilizes unstable video sources.
- **Built-in ProcAmp** - Color, hue, sharpness, contrast, and brightness are set individually for each input.
- **Advanced Noise Reduction Features** - Designed to improve video quality by reducing artifacts such as block, chroma and mosquito noise.
- **Text Overlay.**
- **Front Panel Lockout.**
- **Front Panel Freeze Frame.**
- **Video Blanking** - Blue or black screen selectable.
- **Zoom** - 100% to 400%.
- **Flexible Control Options** - Front panel, IR remote (with on-screen menus), RS-232; iPhone® App and Ethernet (VP-731).
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U, rack "ears" included.