The VP-444 is a high-performance presentation scaler/switcher for HDMI and computer graphics signals. The unit scales the video, embeds the audio, and outputs the signal to two HDMI (with embedded audio) outputs (with S/PDIF and balanced stereo audio) simultaneously.

**FEATURES**

**Kramer's PixPerfect™ Scaling Technology** - Kramer's precision pixel mapping and high-quality scaling technology. High-quality 3:2 and 2:2 pull down de-interlacing and full up and down scaling of all video input signals

**HDTV Compatible**

**HDCP Compliant**

**Video Inputs** - 10 HDMI & 2 computer graphics video on 15-pin HD connectors

**Scaled Outputs** - 2 HDMI

**22 Output Resolutions** - Up to WUXGA/1080p

**2 Microphone Inputs** - For mixing, switching or talk-over (with 48V phantom selection)

**Auto Input Scanning and Switching**

**Companion AFV (Audio-Follow-Video)** - Stereo audio for every input (on terminal blocks)

**Audio Inputs** - 12 unbalanced stereo on terminal blocks & embedded audio for HDMI inputs, each with individual level controls

**Audio Outputs** - 1 S/PDIF on an RCA connector, 1 balanced stereo audio on a terminal block, embedded audio on the HDMI outputs

**Multiple Aspect Ratio Selections** - Full, overscan, underscan, letterbox & panscan

**Audio DSP** - Powerful digital audio signal processing, including audio equalization, mixing, delay, etc

**Built-in ProcAmp** - Color, hue, sharpness, noise, contrast & brightness

**Color Sampling** - Supports 4:4:4 (RGB and YUV) as well as 4:4:2 (YUV) color sampling

**Constant Output Sync** - No disruption on the output while switching between inputs and when no video is detected

**Front Panel Control** - Audio mute & freeze frame

**Built-in Web Pages**

**Front Panel Lockout**

**Non-Volatile Memory** - Saves final settings

**Flexible Control Options** - Front panel, IR remote with OSD (on-screen display), Ethernet with built-in Web pages & RS-232

**Worldwide Power Supply** - 100–240V AC
### TECHNICAL SPECIFICATIONS

**INPUTS:** 10 HDMI connectors (HDMI, HDCP version 1.4); 2 VGA on a 15-pin HD connector; 1 unbalanced stereo audio on 12 3-pin terminal block connectors; 2 mic on 6mm jack connectors (with selectable 48V phantom power)

**OUTPUTS:** 2 HDMI connectors (HDMI, HDCP version 1.4); 1 S/PDIF on an RCA connector; 1 unbalanced stereo audio on a 5-pin terminal block connector

**BANDWIDTH:** Up to 1080p, UXGA

**SWITCHING TIME BETWEEN INPUTS:** 2 to 3 seconds

**VIDEO LATENCY:** Less than 2 frames

**OUTPUT RESOLUTIONS:** Native, 640x480 @60Hz, 800x600 @60Hz, 1024x768 @60Hz, 1280x768 @60Hz, 1360x768 @60Hz, 1280x720 @60Hz, 1280x800 @60Hz, 1280x1024 @60Hz, 1440x900 @60Hz, 1400x1050 @60Hz, 1680x1050 @60Hz, 1600x1200 @60Hz, 1920x1080 @60Hz, 1920x1200 @60Hz, 480p @60Hz, 720p @60Hz, 1080i @60Hz, 1080p @60Hz, 576p @50Hz, 720p @50Hz, 1080i @50Hz, 1080p @50Hz

**CONTROLS:** HDMI 1 to HDMI 10 and PC 1 to PC 2 input selector buttons, Freeze, Mute buttons, Menu and navigation buttons, Reset to XGA/720p and lock buttons, RS-232, IR, Ethernet (OSD and Web pages), USB for firmware upgrading

**POWER CONSUMPTION:** 100−240V AC, 22VA max

**OPERATING TEMPERATURE:** 0° to +40°C (32° to 104°F)

**STORAGE TEMPERATURE:** -40° to +70°C (-40° to 158°F)

**HUMIDITY:** 10% to 90%, RHL non-condensing

**INCLUDED ACCESSORIES:** Power cord, rack ears, IR remote control