



# kramer

## VP-444

12-Input HDMI & Analog ProScale™  
Presentation Digital Scaler/Switcher with  
Microphone Inputs & Ethernet Control

| VGA/UXGA - 15-pin HD | HDMI | Microphone -  
3.5/6.5mm | Ethernet - RJ-45 | HDCP Compliant



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



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## TECHNICAL SPECIFICATIONS

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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
Product Dimensions	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	1.8kg (4.0lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
Shipping Weight	2.5kg (5.5lbs) approx



