



# kramer

## VP-440H2

Compact 5-Input 4K60 4:4:4 Presentation  
Switcher/Scaler with HDBaseT & HDMI  
Simultaneous Outputs

| VGA/UXGA - 15-pin HD | HDMI  
| HDCP Compliant | HDBaseT  
| HDCP 2.2 Compatible



VP-440H2 is a high-performance 4K@60Hz (4:4:4) presentation scaler/switcher with one HDBaseT/POE, three HDMI and one computer graphics (VGA) inputs. The unit scales the video, embeds the audio and outputs the signal to an HDMI and an HDBaseT output simultaneously. The unit includes analog and embedded audio inputs and outputs

## FEATURES

**PixPerfect™ Scaling Technology** - Kramer's precision pixel mapping and high-quality scaling technology

**HDMI Support** - 4K@60 (4:4:4) and xvYCC color (on input) as specified in HDMI 2.0

**HDCP 2.2 Compliant**

**HDBaseT Certified**

**System Range** - For the HDBT inputs and outputs, extended reach of up to 130m (430ft) using Kramer recommended cables

**Provides Power (PoE) on HDBaseT Input to Compatible Devices**

**Max. VGA Resolution** - 1920 x 1200 @60Hz

**Max. Resolutions** - 4K@60Hz (4:4:4)

**Multiple Aspect Ratio Selections** - Full, best fit, overscan, underscan, letter box and panscan

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

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

**Powerful Audio Features** - Via DSP technology including audio equalization, mixing, delay, etc

**Auto Input Switching** - Last connected & auto-scan, selectable

**Audio** - Unbalanced stereo and embedded audio for HDMI/HDBT with individual input level controls

**Companion AFV (Audio-Follow-Video)** - Stereo audio for HDMI and PC inputs, on 3.5mm mini jacks

**Microphone Input** - For mixing, switching or talk-over

**HDBaseT Tunneling** - Supports full HDBT tunneling of Ethernet and RS-232 data

**Front Panel Lockout**

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

**Flexible Control Options** - Front panel push buttons, RS-232, OSD (on-screen display) menu with front panel navigation buttons, Ethernet with built-in Web pages



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## TECHNICAL SPECIFICATIONS

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Inputs	3 HDMI: On female HDMI connectors 1 VGA: On a 15-pin HD connector 1 HDBT: On an RJ-45 connector 1 Stereo Analog Unbalanced Audio: On a 3.5mm mini jack 1 Microphone: On a 6.3mm jack connector (with selectable 48V phantom power)
Outputs	1 HDMI: On a female HDMI connector 1 HDBT: On an RJ-45 connector 1 Unbalanced Stereo Audio: On a 3.5mm mini jack
Video	Maximum Resolution : 4K@60Hz (4:4:4) Maximum HDBT Range: 130m (430ft) at 1080p@60Hz (36bpp) 100m (330ft) at 4K@60Hz (4:2:0) Switching Time between Inputs: 2 to 3 seconds HDMI Compliance: HDMI 2.0 HDCP Compliance: HDCP 2.2
Supported PC Web Browsers	Windows 7 and Higher: Internet Explorer (32/64 bit) version 10, Firefox version 30, Chrome version 35 MAC: Chrome version 35, Firefox version 30, Safari version 7 Minimum Browser Window Size: 1024 x 768
Source	48V DC
Consumption:	850mA
Power	Source: 48V DC Consumption: 850mA
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RH
Enclosure	Size: Half 19" 1U Type: Aluminum
Cooling:	Convection ventilation
General	Product Dimensions: 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H Shipping Dimensions: 40.50cm x 29.70cm x 9.00cm (15.94" x 11.69" x 3.54") W, D, H Product Weight: 1.5kg (3.3lbs) approx Shipping Weight: 2.6kg (5.7lbs) approx
Accessories	Included: Power supply (48V)

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