

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



TECHNICAL SPECIFICATIONS

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 $+70^{\circ}$ 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,

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Product Weight: 1.5kg (3.3lbs) approx

Shipping Weight: 2.6kg (5.7lbs) approx

Accessories Included: Power supply (48V)

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