



KRAMER

VP-440

Compact 6Input Presentation
Switcher/Scaler with HDBaseT & HDMI
Simultaneous Outputs

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



The VP440 is a highperformance presentation scaler/switcher with four HDMI and two computer graphics (VGA) inputs. The unit scales the video, embeds the audio and outputs the signal to an HDMI output 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 highquality scaling technology. Highquality 3:2 and 2:2 pull down deinterlacing and full up and downscaling of all video input signals

HDTV Compatible

HDCP Compliant

HDBaseT Certified

System Range - For the HDBT inputs and outputs, up to 70m (230ft)

Cables - For optimum range and performance using HDBaseT™, use Kramer's BCUNIKat cable. Note that the transmission range depends on the signal resolution, source and display used. The distance using nonKramer CAT 6 cable may not reach these ranges

Max VGA Resolution - 1920 x 1200 @60Hz

Output Resolutions - Up to UXGA/1080p output resolutions

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

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

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

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 & autoscans, selectable

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

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

Microphone Input - For mixing, switching or talkover

Dedicated RS-232 Port - For bidirectional data tunneling via HDBaseT

Front Panel Lockout

Non-Volatile Memory - Saves final settings

Flexible Control Options - Front panel buttons, Ethernet with builtin Web pages, OSD (onscreen display), RS232, remote contact closure switches



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TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|---|
| INPUTS: | 4 HDMI connectors (HDMI, HDCP version 1.4); 2 VGA on a 15pin HD connector; 6 unbalanced stereo audio on 3.5mm mini jack connectors; 1 mic on a 6.3mm jack connector (with selectable 48V phantom power) |
| OUTPUTS: | 1 HDMI connector (HDMI, HDCP version 1.4); 1 HDBT on a RJ45 connector; 1 unbalanced stereo audio on a 3.5mm mini jack connector |
| BANDWIDTH: | Up to 1080p, UXGA |
| SWITCHING TIME BETWEEN INPUTS: | 2 to 3 seconds |
| VIDEO LATENCY: | Less than 2 frames |
| INPUT RESOLUTIONS: | PC1, PC2: 640x480 (60/72/75/85Hz), 800x600 (56/60/72/75/85Hz), 1024x768 (60/70/75/85Hz), 1280x1024 (60/75/85Hz), 1280x720 60Hz, 1920x1080 60Hz, 1600x1200 60Hz, 1280x800 60Hz, 1440x900 60Hz, 1366x768 60Hz, 1400x1050 60Hz, 1600x900 RB 60Hz, 1680x1050 RB 60Hz, 1920x1200 RB 60Hz. HDMI 14: 480i/576i, 480P/576p, 720p (50/60Hz), 1080i (50/60Hz), 1080p (50/60Hz), 1080p (24/25/30Hz), 640x480 (60/72/75/85Hz), 800x600 (56/60/72/75/85Hz), 1024x768 (60/70/75/85Hz), 1280x1024 (60/75/85Hz), 1280x720 60Hz, 1920x1080 60Hz, 1280x960 60Hz, 1600x1200 60Hz, 1280x800 60Hz, 1440x900 60Hz, 1366x768 60Hz, 1400x1050 60Hz, 1600x900 RB 60Hz, 1680x1050 RB 60Hz, 1920x1200 RB 60Hz |
| OUTPUT RESOLUTIONS: | 640x480 60Hz, 800x600 60Hz, 1024x768 60Hz, 1280x800 60Hz, 1360x768 60Hz, 1440x900 60Hz, 1280x1024 60Hz, 1400x1050 60Hz, 1680x1050 60Hz, 1600x1200 60Hz, 1920x1200 RB 60Hz, 1280x720 60Hz, 1920x1080 60Hz, 720x480P 60Hz, 720x576p (50Hz), 1280x720p (50/60Hz), 1920x1080i, 50/60Hz), 1920x1080p (50/60Hz) |
| CONTROLS: | HDMI 1 to HDMI 4 and PC 1 to PC 2 input selector buttons; Input select contact closure; Menu and navigation buttons; Reset to XGA/720p and panel lock buttons; RS232 (control and data); Ethernet (OSD and Web pages) |
| POWER CONSUMPTION: | 5V DC, 3A |
| OPERATING TEMPERATURE: | 0° to +40°C (32° to 104°F) |
| STORAGE TEMPERATURE: | 40° to +70°C (40° to 158°F) |
| PRODUCT DIMENSION: | 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H |
| PRODUCT WEIGHT: | 1.5kg (3.4lbs) approx |
| SHIPPING DIMENSION: | 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H |
| SHIPPING WEIGHT: | 1.1kg (2.4lbs) approx |
| HUMIDITY: | 10% to 90%, RHL noncondensing |
| INCLUDED ACCESSORIES: | Power supply |
| OPTIONS: | RK1 rack adapter |

