



# KRAMER

## VP-778

8-Input Presentation Matrix Switcher/Scaler  
with Seamless Video Cuts and 4K30 Output  
Support

| DVI | HDMI | Microphone - 3.5/6.5mm  
| Speakers | Ethernet - RJ-45 | HDBaseT  
| 4K/30 UHD



VP-778 is a presentation matrix switcher/scaler that can be configured as a single 4K output (4K@30Hz UHD [3840x2160]) or dual HD scaler with full PiP capabilities. It can scale to two independent HDMI outputs, each with a parallel HDBaseT output. VP-778 includes both analog and embedded audio inputs and outputs and audio DSP features. It also features two microphone inputs and digital & analog balanced stereo and amplified speaker outputs. VP-778 can be controlled using built-in web pages, RS-232 and IR

## FEATURES

- Pix Perfect™ Scaling** - State-of-the-art Kramer technology
- K-IIT XL™ Picture-in-Picture Image Insertion Technology** - Ultra-stable picture-in-picture, picture-and-picture and split-screen
- Seamless Video Switching** - Swap or follow (transition type) and cut or fade (transition effect)
- Dual Scalers** - "Live" seamless transitions with two independent outputs
- 8 Input Buttons per Channel**
- Main and PiP Window Customization** - In overlay mode
- Projection Setups** - Front, back, ceiling front and ceiling back
- Output Resolutions** - Up to 4K@30Hz UHD (3840x2160) in single-window mode, HDTV and computer graphics resolutions with selectable refresh rates
- Inputs** - Choice of HDMI, VGA, YUV, or CV on two DVI-U inputs, 4 HDMI and 2 HDBaseT inputs
- Two Programmable User Buttons** - For passing serial commands
- Serial Comms Matrix** - Up to eight sets of configurable unidirectional connections for passing serial data from source to destination
- HDBaseT™ Technology** - Max. data rate of 6.75Gbps (2.25Gbps per graphic channel)
- System Range (HDBaseT™)** - Up to 130m (430ft) in normal mode; up to 180m (590ft) in ultra-mode (1080p @60Hz @24bpp) when using BC-UNIKAT cables
- Cables** - For optimum range and performance, use the recommended Kramer cables available at [www.kramerav.com/product/VP-778](http://www.kramerav.com/product/VP-778)
- Audio** - Balanced stereo audio inputs, two unbalanced microphone inputs, digital stereo and balanced stereo outputs, input/output audio level adjustment, and audio DSP
- Built-in 2x10W Power Amplifier** - Speaker outputs on a 4-pin terminal block connector
- Microphone** - Talkover or mix modes
- Auto Switching** - Automatically scans inputs based on a predefined priority and selects first live input found or last connected
- Audio-Follow-Video (AFV) & Breakaway**
- Advanced De-interlacing** - 3D comb filtering, film mode, diagonal correction, and motion detection
- Multiple Aspect Ratio Selections**
- Built-in Proc-Amp** - With enhanced functions such as color correction, gamma, dither, and noise reduction
- Power Management Modes** - Save energy and money
- HDCP Compliance**
- Luma- and Chroma-Keying**
- Advanced EDID Management** - Native resolution and color depth modeline per input
- Built-in Test Patterns** - For screen setup and alignment
- Output EDID Analysis** - For optimal scaling
- Input & Output Color Space Control**
- HDMI Deep Color**
- On-Screen Display (OSD)** - Provides easy setup and adjustment
- Non-Volatile Memory** - Retains settings
- Firmware Upgrade Input** - Via USB memory stick
- Various Control Options** - Front panel buttons, Ethernet web page, RS-485, IR, RS-232 serial

commands transmitted by a touch screen system, PC, or other serial controller



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## TECHNICAL SPECIFICATIONS

PRODUCT DIMENSION: 19" x 9.34 x 1U (43.6cm x 23.72cm 4.36cm) W, D, H

PRODUCT WEIGHT: 2.6kg (5.7lbs) approx

SHIPPING DIMENSION: 52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21" ) W, D, H

SHIPPING WEIGHT: 3.8kg (8.4lbs) approx

