



# KRAMER

## VP-778

8Input ProScale™ Presentation Matrix  
Switcher/Dual Scaler with Seamless Video  
Cuts and 4K30 UHD Output Support

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



VP778 is a presentation matrix switcher/scaler that can be configured as a single 4K output (4K@30 UHD [3840x2160]) or dual HD scaler with full PiP capabilities. It can scale to two independent HDMI outputs, each with a parallel HDBaseT output. VP778 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. VP778 can be controlled using builtin web pages, RS232 or IR

## FEATURES

Pix Perfect™ Scaling - Stateoftheart Kramer technology  
K-IIT XL™ Picture-in-Picture Image Insertion Technology - Ultrastable pictureinpicture, pictureandpicture and splitscreen  
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 - 4K@30Hz UHD (3840x2160) in singlewindow mode, HDTV and computer graphics resolutions with selectable refresh rates  
Inputs - Choice of HDMI, VGA, YUV, or CV on two DVIU 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 ultramode (1080p @60Hz @24bpp) when using BCUNIKAT cables  
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 4pin 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 ChromaKeying  
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, RS485, IR, RS232 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

