# KRAMER

## VP-772
8 Input ProScale Presentation Dual Scaler
with FX and 4K Output Option

| DVI  | Ethernet - RJ-45  | 4K/30 UHD

VP‑772 is an eight‑input high‑quality dual scaler with special effect transitions for the rental and staging and the live events market and for other applications where a dual‑scaler is needed, with an option to output in 4K30 UHD (3840x2160) in single output mode. It features DVI‑U inputs (including analog, DVI and HDMI support) and balanced stereo audio. The unit scales and processes the selected video and audio inputs, and outputs to two independent DVI‑I outputs (program and preview) together with two balanced stereo audio outputs

## FEATURES

**PixPerfect™ Scaling Technology** - Kramer's extremely high performance, state–of–the–art scaling technology with extensive high–quality pull–down and de–interlacing algorithms, and full up–and down–scaling of the video inputs

**K–IIT XL™ Picture–in–Picture Image Insertion Technology** - Ultra–stable picture–in–picture, picture–and–picture, and split screen capability. Any video source can be inserted into or positioned next to any other video source with full window positioning and sizing controls

**Seamless Video Switching** - With cuts or built–in special effect transitions, including horizontal, vertical, diagonal circle and chessboard wipes, cross–fading, and more

**Dual Scalers** - For "live" seamless transitions from one source to another with two independent outputs: a PREVIEW OUT and a PROGRAM OUT. The PREVIEW output, including an OSD menu for making adjustments, is used for determining how the scaled output looks before displaying live during a presentation

**8 Preview Input Buttons** - For switching a selected input to the PREVIEW output and 8 PROGRAM input buttons for switching a selected input to the PROGRAM output

**Output Resolutions** - Up to 4K30 UHD (3840x2160) for single output mode (non–dual scaler); HDTV and computer graphics resolutions with selectable refresh rates

**Multi–Format Operation** - Selectable HDMI, VGA, YUV or CV on each DVI–U input and VGA or HDMI on each DVI–I output

**Audio–Follow–Video & Breakaway Options**

**Advanced De–interlacing Functions** - Including 3D comb filtering, film mode, diagonal correction and motion detection

**Multiple Aspect Ratio Selections** - Follow input, follow output, best fit, letterbox

**Built–in Proc–Amp** - With enhanced functions such as color correction, gamma and dither

**Embedded HDMI Audio Support** - As well as eight balanced stereo audio inputs and two balanced stereo outputs

**Input & Output Audio Level Adjustment**

**Selectable Power Save Modes** - For energy–efficient usage

**HDCP Compliant**

**Luma & Chroma Keying**

**Built–In Test Patterns** - For screen setup and alignment

**Advanced EDID Management** - Native resolution and color depth per input. Analyzes the connected output's EDID for optimal scaling

**Input & Output Color Space Control**

**Supports HDMI Deep Color** - For inputs and output

**On–Screen Display (OSD)** - For easy setup and adjustment, accessible via the IR remote control and via the front–panel buttons

**Non–Volatile Memory** - Saves last settings

**Firmware Upgrading** - Via USB (via memory stick) and Ethernet

**Flexible Control Options** - Front panel buttons, Ethernet, IR remote control transmitter, RS–485 (allowing future optional T–bar control), RS–232 serial commands transmitted by a touch screen system, PC, or other serial controller

**Worldwide Power Supply** - 100–240V AC

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## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| INPUTS: | 8 DVI−U (DVI−D, HDMI, PC, YPbPr and CV) on DVI−I connectors, 8 balanced stereo audio on 5−pin terminal block connectors |
| OUTPUTS: | 2 DVI−I (DVI−D, HDMI and PC) on DVI−I connectors, 2 balanced stereo audio on 5−pin terminal block connector |
| COMPLIANCE WITH HDMI STANDARD: | Supports HDMI (deep color) and HDCP |
| OUTPUT RESOLUTIONS: | 640x480@60Hz, 640x480@75Hz, 800x600@50Hz, 800x600@60Hz, 800x600@75Hz, 1024x768@50Hz, 1024x768@60Hz, 1024x768@75Hz, 1280x768@50Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@50Hz, 1280x1024@60Hz, 1280x1024@75Hz, 1360x768@60Hz, 1366x768@50Hz, 1366x768@60Hz, 1400x1050@50Hz, 1400x1050@60Hz, 1600x900@60Hz, 1600x1200@50Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200RB@60Hz, 480p@60Hz, 576p@50Hz, 720p@50Hz, 720p@59.94Hz, 720p@60Hz, 1080p@23.976Hz, 1080p@24Hz, 1080p@25Hz, 1080p@29.97Hz, 1080p@30Hz, 1080p@50Hz, 1080p@59.94Hz, 1080p@60Hz, 1080i@50Hz, 1080i@60Hz, 2K@50Hz, 2K@60Hz, 4K2K@30Hz |
| CONTROLS: | Front panel buttons, OSD, IR remote control, RS−232 on a terminal block connector, Ethernet |
| OPERATING TEMPERATURE: | 0° to +40°C (32° to 104°F) |
| STORAGE TEMPERATURE: | −40° to +70°C (−40° to 158°F) |
| HUMIDITY: | 10% to 90%, RHL non−condensing |
| POWER CONSUMPTION: | 100−240V AC, 42VA max |
| INCLUDED ACCESSORIES: | Power cord, rack "ears", IR remote control, 2 DVI−A (M) to 5 BNC (F) Adapter Cables (3ADC−DMA/5BF−1), 2 DVI (M) to 15−pin HD (F) adapters (AD−DM/GF) |
| Product Dimensions | 19" x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H |
| Product Weight | 4.3kg (9.5lbs) approx |
| Shipping Dimensions | 52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21" ) W, D, H |
| Shipping Weight | 5.3kg (11.7lbs) approx |

Audio Connections
are not shown

VGA

Eth

CV

DVD Player
(Composite)

Computer
Graphics
Source

HDMI

HDMI

BluRay
Disk Player

YUV

DVD Player
(Component)

Giant
Screen

VGA

Analog Display