



KRAMER

VP-772

DVI (HDCP) ProScale Presentation Matrix Switcher/Dual Scaler



The VP-772 is an eight-input high-quality 4K UHD (3840x2160) 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. It features DVI-U inputs (including analog, DVI and HDMI support) and stereo balanced audio signals. 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 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.

COMPARISON WITH HDMI STANDARD:

OUTPUT RESOLUTIONS: 640x480@60, 640x480@75, 800x600@50, 800x600@60, 800x600@75, 1024x768@50, 1024x768@60, 1024x768@75, 1280x768@50, 1280x768@60, 1280x800@60, 1280x1024@50, 1280x1024@60, 1280x1024@75, 1360x768@60, 1366x768@50, 1366x768@60, 1400x1050@50, 1400x1050@60, 1600x900@60, 1600x1200@50, 1600x1200@60, 1680x1050@60, 1920x1200@60RB, 480p60, 576p50, 720p50, 720p59.94, 720p60, 1080p23.976, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080i50, 1080i60, 2k50, 2k60, 4k2k@30.

CONTROLS: Front panel buttons, OSD, IR remote control, RS-232 on a 9-pin D-sub 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.

DIMENSIONS: 19" x 9.3" x 1U (W, D, H) rack mountable.

WEIGHT: 4.3kg (9.5lbs) approx.

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).

