



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



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



