VP-772

4K30 UHD DVI (HDCP) ProScale
Presentation Matrix Switcher/Dual Scaler
with FX

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

The VP772 is an eightinput highquality 4K30 UHD (3840x2160) dual scaler with special effect transitions for the rental and staging and the live events market and for other applications where a dualscaler is needed. It features DVIU 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 DVII outputs (program and preview) together with two balanced stereo audio outputs

FEATURES

PixPerfect™ Scaling Technology - Kramer's extremely high performance, stateoftheart scaling technology with extensive highquality pulldown and deinterlacing algorithms, and full upand downscaling of the video inputs

K-IIT XL™ Picture-in-Picture Image Insertion Technology - Ultrastable pictureinpicture, pictureandpicture, 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 builtin special effect transitions, including horizontal, vertical, diagonal circle and chessboard wipes, crossfading, 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 (nondual scaler); HDTV and computer graphics resolutions with selectable refresh rates

Multi-Format Operation - Selectable HDMI, VGA, YUV or CV on each DVIU input and VGA or HDMI on each DVII 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 energyefficient 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 frontpanel 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, RS485 (allowing future optional Tbar control), RS232 serial commands transmitted by a touch screen system, PC, or other serial controller

Worldwide Power Supply - 100240V AC

KRAMER

TECHNICAL SPECIFICATIONS

INPUTS:	8 DVIU (DVID, HDMI, PC, YPbPr and CV) on DVII connectors, 8 balanced stereo audio on 5pin terminal block connectors
OUTPUTS:	2 DVII (DVID, HDMI and PC) on DVII connectors, 2 balanced stereo audio on 5pin terminal block connector
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI (deep color) and HDCP
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, RS232 on a 9pin Dsub 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 noncondensing
POWER CONSUMPTION:	100240V AC, 42VA max
PRODUCT DIMENSION:	19" x 9.34 x 1U (43.6cm x 23.72cm 4.36cm) W, D, H
PRODUCT WEIGHT:	4.3kg (9.5lbs) approx
SHIPPING DIMENSION:	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
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control, 2 DVIA (M) to 5 BNC (F) Adapter Cables (3ADCDMA/5BF1), 2 DVI (M) to 15pin HD (F) adapters (ADDM/GF)

Audio Connections
are not shown

VGA

Eth

CV

HDMI

DVD Player
(Composite)

Computer
Graphics
Source

HDMI

YUV

VGA

BluRay
Disk Player

DVD Player
(Component)

Giant
Screen

Analog Display