VP-773A

8-Input HDMI & HDBaseT ProScale Presentation Switcher/Scaler with 2K Support & Power Amplifier

| VGA/UXGA - 15-pin HD | HDMI | Microphone - 3.5/6.5mm | Speakers | Ethernet - RJ-45 | HDCP Compliant | HDBaseT

The VP-773A is a high-performance presentation switcher and scaler. It accepts one of eight inputs: one DisplayPort (DP), one composite video, two computer graphics and four HDMI signals. It scales the video, embeds the audio, and simultaneously outputs the signal to two identical HDMI and one HDBaseT TP output, together with S/PDIF and balanced stereo audio outputs. The unit also includes an audio amplifier and speaker outputs

FEATURES

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

Kramer's PixPerfect™ Scaling Technology - Kramer's precision pixel mapping and high quality scaling technology. High-quality 3:2 and 2:2 pull down de-interlacing and full up- and down-scaling of all video input signals

State-of-the-Art Video Processing Technology - For highest quality de-interlacing, noise reduction, and scaling performance for both standard-definition and high-definition signals

Ultra-Fast Fade-Thru-Black (FTB™) Switching - Video switching transitions are clean and ultra fast. The video fades to black and the new input fades from black for smooth, glitch-free switching. The output signal provides constant sync so the display never glitches

Advanced EDID Management - Per input; analyzes the EDID of a selectable Master connection to one of the outputs

Mass Notification Emergency Communication System (MNEC) - Activates a national or campus-wide notification, immediately displayed when an emergency situation develops. It uses automatic text overlaying, either via a crawler or a full screen cover up, as well as an optional audio alert

Max. Data Rate - 6.75Gbps (2.25Gpbs per graphic channel)

Scaled Outputs - 2 HDMI & 1 HDBaseT (all outputs work simultaneously)

Output Resolutions - HDTV and computer graphics up to 2K and 1080p/UXGA with selectable refresh rates

HDMI Deep Color Support - For all inputs and outputs

Luma Keying - Via PIP window

Vertical Keystone Operation

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

Multi-Standard Video Support - NTSC (3.58/4.43), PAL (M/N/60) and SECAM with advanced de-interlacing options

Built-in Time Base Corrector - Stabilizes unstable video sources

Picture Zooming - Both on main and PIP window from 100% to 1600%, including separate V and H sharpness control

Input and Output Colorspace Control

Audio Support - Unbalanced stereo audio inputs, with two microphone inputs; digital stereo and balanced stereo outputs; input and output audio level adjustment

Selectable Microphone Talkover or Mix Modes

Microphone Inputs - 2 dynamic or condenser (with 48V phantom voltage)

Audio Amplifier & Speaker Output - 2x10W

Automatic Detection and Selection of Embedded Audio - Automatically outputs the signal from the HDMI and DP embedded audio inputs or performs an analog takeover to output the respective analog audio input

System Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC-HDKat6a cables

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

Built-in Web Page Server

Non-Volatile Memory - Saves final settings

Firmware Upgrades - Via Ethernet and RS−232

Flexible Control Options - Front panel buttons, OSD (on−screen display) via front panel buttons or IR remote (remote control included), embedded Web server

Port Tunneling - A bidirectional RS−232 interface where simple control commands and data can flow in both directions from a controller to the VP−773A via the Ethernet, allowing status requests and control of the destination unit

Selectable Power Save Modes - For efficient energy use

Worldwide Power Supply - 100−240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included

TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI (Deep Color) connectors, 2 VGA on 15-pin HD connectors, 1 composite video on an RCA connector, 1 DisplayPort connector, 4 HDMI, 2 VGA, 1 DP audio on 3.5mm connectors, 1 CV unbalanced stereo audio on 2 RCA connectors, 2 mic on 6mm phono plug connectors
OUTPUTS:	2 HDMI (Deep Color) connectors, 1 HDBaseT on an RJ-45 connector, 1 S/PDIF digital audio on an RCA connector, 1 balanced stereo audio on a 5-pin terminal block connector, 1 stereo speaker output, 2x10W, on a 4-pin terminal block connector
STANDARDS COMPLIANCE:	Supports HDMI (Deep Color), HDCP, DisplayPort 1.1a
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, 1920x1200@60Hz, 480i@60Hz, 480p@60Hz, 576i@50Hz, 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, 2048x1080@60Hz, 2048x1080@50Hz
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 (−49° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
POWER SOURCE:	100−240V AC, 65VA max
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:	3.6kg (7.9lbs) approx
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control

Audio Connections
are not shown

HDMI

DVD Player 1
(HDMI)

VGA

Computer
Graphics Source 1

CV

DVD Player
(Composite)

To
TP-580RXR

DP

Computer
Graphics
Source

HDMI

Plasma
Display

RS-232