VP-732
10-input ProScale™ Presentation Matrix
Switcher/4K30 UHD Scaler with Preview & Program Outputs

VP-732 is a 10-input presentation switcher/dual scaler with four HDMI, two DisplayPort and four user-definable (universal) analog video inputs. It up- and down-scales to selectable graphics or HDTV output resolutions to preview and program outputs (up to 4K30 UHD on the program output) and provides ultra-fast fade-thru-black switching between sources. VP-732 supports analog and embedded audio inputs and outputs and includes rich audio functionality and a stereo loudspeaker output.

FEATURES

Kramer’s PixPerfect™ Scaling Technology - Kramer’s precision pixel mapping and high quality scaling technology
Fast Fade-Thru-Black (FTB™) Switching - For smooth, glitch-free switching. The output signal provides constant sync so the display never glitches
K-IIT XL™ Picture-in-Picture Image Insertion Technology - Ultra-stable picture-in-picture, picture-and-picture, and split screen capability. Any input source can be inserted into or positioned next to any other source or vice versa with window positioning and sizing controls
HDCP Compliant
HDTV Compatible
Dual Scalers with Independent Outputs
10 Program & 10 Preview/PIP Input Select Buttons - For quick selection of the program/preview/PIP source
Output Resolutions - With selectable refresh rates: up to 4K30 UHD on the program output, and up to 720p on the preview output
Scaled Video Outputs - On 2 HDMI, 1 DP and 1 15-pin HD computer graphics connectors
Multiple Aspect Ratio Selections
Analog Audio Inputs - 10 on 3.5mm connectors
Audio Breakaway and Audio-Follow-Video Support
Selectable Audio Delay
Embed/De-embed Audio - On the HDMI and DisplayPort inputs and outputs
Advanced Noise Reduction Features - Improve video quality by reducing artifacts such as block, chroma and mosquito noise
Powerful Audio Features - With DSP technology including audio equalization, mixing, delay and so on
Stereo Speaker Output - 10W per channel into 8Ω, on a 4-pin terminal block connector
Built-in Video Proc-Amp - Color, hue, sharpness, contrast, and brightness are set individually for each input
Function Buttons - BLANK and FREEZE buttons for both preview/PIP and program outputs
Firmware Upgrade - Ethernet-based, via a user-friendly software upgrade tool
OSD (On-Screen Display) - For user-friendly control and adjustments
Built-in Web Server - Built-in Web pages for full control via Ethernet
Advanced EDID Management
Scales & Zooms
Non-Volatile Memory - Saves final settings and setup configurations
Flexible Control Options - Front panel buttons, IR remote control, RS-232, Ethernet with Web browser
Worldwide Power Supply - 100–240V AC
TECHNICAL SPECIFICATIONS

INPUTS:
4 HDMI connectors, 4 universal (composite, s−Video, computer graphics and component) on 15−pin HD connectors, 2 DP connectors, 1 USB connector, 1 S/PDIF on an RCA connector, 10 unbalanced stereo audio on 3.5mm mini jacks

OUTPUTS:
2 HDMI connectors, 1 DP connector, 1 PC (computer graphics) on a 15−pin HD connector, 1 balanced audio stereo output on a 5−pin terminal block (+4dBu nominal), 1 stereo speaker output (10W per channel into 8Ω) on a 4−pin terminal block connector, 1 digital S/PDIF output on an RCA connector

COMPLIANCE WITH HDMI STANDARD:
Supports HDMI and HDCP

OUTPUT RESOLUTIONS:
PROGRAM:
Native HDMI1, Native HDMI2, Native DP, Native VGA, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x768x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x60Hz, 1600x900x60Hz (R), 1600x1200x50Hz, 1600x1200x60Hz, 1680x1050x60Hz, 1920x1080x60Hz, 1920x1200x50Hz, 1920x1200x60Hz (R), 2048x1080x50Hz, 2048x1080x60Hz, 3840x2160@24Hz, 3840x2160@25Hz, 3840x2160@29.97Hz, 3840x2160@30Hz, 4096x2160@24Hz, 480px60Hz, 576px50Hz, 720px50Hz, 720px60Hz, 1080i/1080px50Hz, 1080i/1080px60Hz, 1080px50Hz, 1080px60Hz, 480px59.94Hz, 576px50Hz, 720px59.94Hz, Custom 1 to Custom 4
PREVIEW:
Single Picture, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x768x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x60Hz, 1600x900x60Hz (R), 1600x1200x50Hz, 1600x1200x60Hz, 1680x1050x60Hz, 1920x1080x60Hz, 1920x1200x50Hz, 1920x1200x60Hz (R), 2048x1080x50Hz, 2048x1080x60Hz, 3840x2160@24Hz, 3840x2160@25Hz, 3840x2160@29.97Hz, 3840x2160@30Hz, 4096x2160@24Hz, 480px60Hz, 576px50Hz, 720px50Hz, 720px60Hz, 1080i/1080px50Hz, 1080i/1080px60Hz, 1080px50Hz, 1080px60Hz, 480px59.94Hz, 720px59.94Hz, 1080i/1080px59.94Hz, 1080px23.98, 1080px29.97, 1080px59.94, Custom 1 to Custom 4

CONTROL:
Front panel buttons/OSD, IR remote control, RS−232 on a 9−pin D−sub connector, Ethernet

ADDITIONAL CONTROLS:
Picture−In−Picture, Picture−and−Picture or Split Screen (two images side−by−side); separate program/preview freeze and zoom, different selectable vertical refresh rates, Video and Audio ProcAmp control, output image scaling and aspect ratio change, EDID capture

POWER SOURCE:
100−240V AC, 50/60Hz, 49VA

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

INCLUDED ACCESSORIES:
Rack “ears”, IR remote control, power cord, 2 C−GM/3RVF−1 cables

Product Dimensions
19“ x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H

Product Weight
2.5kg (5.4lbs) approx

Shipping Dimensions
52.50cm x 33.00cm x 10.70cm (20.67“ x 12.99“ x 4.21“) W, D, H

Shipping Weight
3.4kg (7.5lbs) approx