



KRAMER

VP-796ASV

HQUltra 10Input 4K60 4:2:0 HDBaseT and Legacy Presentation Switcher / Scaler with UltraFast Input Switching & Analog Audio, H.264 Streaming Input

| HDMI | Microphone - 3.5/6.5mm | Ethernet - RJ-45 | HDCP Compliant | HDBaseT

The VP796ASV is a universal 4K UHD presentation scalerswitcher for HDMI, DisplayPort, HDBaseT, VGA, composite, DVIU, H.264 streaming video signals and analog audio. Its HQUltraFast technology switches in typically a quarter of a second

FEATURES

- HQUltra Scaling - Lowlatency, 4K UHD bestinclass, proprietary scaling algorithms
- HQUltraFast Switching - Proprietary technology for typical 0.25 second input channel switching
- H.264 1080p Streaming Video Input - Via network port
- HDCP Compliant
- Resolution Support - Up to 4K@60Hz (4:2:0) UHD
- Ease of Setup - Front panel jogwheel and LCD display for fast easy setup in the field
- Color Calibration - For all source types including RGB controls, saturation & hue
- Pan-Tilt-Zoom Control
- Built-in Test Patterns - For easy projector setup
- Supports Customized Video Logo
- Flexible Aspect Ratio Conversion
- Audio Handling - Audio deembedded from H.264 streaming, HDMI, DisplayPort, and HDBaseT inputs to analog and S/PDIF; reembedded to HDMI and HDBaseT outputs
- Analog Audio - Up to 8 unbalanced stereo inputs, two microphone inputs with phantom power and an audio mixer
- Speaker Outputs - Stereo audio power amplifier supporting 15W+15W RMS loudspeaker outputs, separate stereo balanced line level audio outputs for external amplifier systems
- Multiple Outputs - For local monitoring of live output feed
- Flexible Control Options - Front panel buttons and jog wheel with LCD, RS232, Ethernet with builtin Web pages and via API
- USB Connectors - For firmware upgrading



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TECHNICAL SPECIFICATIONS

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|--------------------------------|--|
| VIDEO INPUTS: | 1 HDBT on an RJ45 connector, 1 DisplayPort connector, 2 HDMI (4K UHD) connectors, 1 HDMI (HD) connector, 1 DVIU (DVI/HDMI & VGA/RGBS/YPbPr), 1 VGA on a 15pin HD connector, 1 CV on an RCA connector, H.264 1080p streaming video on the network connector |
| AUDIO INPUTS: | 2 microphones on 6mm mini jacks, 1 CV stereo on RCA connectors (R, L), 7 unbalanced stereo on 3.5mm jacks |
| OUTPUTS: | 1 HDBT on an RJ45 connector, 1 HDMI connector, 1 DVI/HDMI on a DVII connector |
| AUDIO OUTPUTS: | Speaker on a 4pin terminal block, line out on a 5pin terminal block, S/PDIF on an RCA connector |
| PORTS: | 1 RS232 on a 9pin Dsub connector, 1 LAN on an RJ45 connector, 2 USBA connectors |
| COMPONENT VIDEO INPUT FORMATS: | 484i (480i) and 576i (SD), 480p, 576p (ED), 720p, 1080i @50, 59.94 and 60Hz and 1080p @23.98, 24, 25, 29.97 and 30Hz |
| HDMI/DVI SIGNAL FORMATS: | SD: 625i (576i) and 525i (480i) in doublerate formats; ED: 480p, 576p; HD: 1280x720p, 1920x1080i, 1920x1080psf; 1920x1080p 23.97, 24, 25, 29.94, 30, 50, 59.94 & 60Hz; 2048x1080p 23.97, 24, 25, 29.94, 30, 50, 59.94 & 60Hz. The 4k capable HDMI 1 and HDMI 2 inputs also support: 3840x2160p & 4096x2160p 23.97, 24, 25, 29.94, 30, 50, 59.94 & 60Hz (50, 59.94 & 60Hz supported in YUV 4:2:0 colour space format) |
| OUTPUT RESOLUTIONS: | 640x480, 800x600, 1024x768, 1280x768, 1280x800, 1280x1024, 1400x1050, 1600x1200, 1920x1200, 480i, 576i, 480p, 576p, 1080i, 720p (default after reset), 1080p, 2024x1080, 2560x1080, 2560x1440, 2560x1600, 3860x2160, 4096x2160 |
| FRAME RATE: | 60Hz, 59.94Hz, 50Hz, 48Hz, 25Hz, 24Hz, 23.97Hz, auto |
| 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: | 100264V AC, 50/60Hz, 65W |
| DIMENSIONS: | 19" x 9.3" x 1U (W, D, H) rack mountable |
| WEIGHT: | 2.7kg (5.9lbs) approx |
| STANDARDS COMPLIANCE: | CE: 2004/108/EC Electromagnetic Compatibility Directive, and 2006/95/EC Low Voltage Directive. Compliance is to EN55022 Class A |
| INCLUDED ACCESSORIES: | Power cord, Rack "ears" |