KRAMER

VP-798ASV

HQUltra 12Input 4K60 4:2:0 HDBaseT & Legacy Presentation Switcher/Scaler with UltraFast Input Switching, Analog Audio, 3G HDSDI, Genlock, H.264 Streaming Input & LED Videowall Scaling

| HDMI | 3G HD-SDI - BNC | Microphone - 3.5/6.5mm | Speakers | Ethernet - RJ-45 | HDCP Compliant | HDBaseT

The VP798ASV is a universal 4K@60Hz (4:2:0) presentation scalerswitcher for HDMI, DisplayPort, HDBaseT, VGA, composite, DVIU, 3G HDSDI, H.264 streaming input signals and analog audio. Its HQUltraFast technology switches in typically a quarter of a second

FEATURES

HQUltra Scaling - Lowlatency, 4K 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). Supports custom output resolutions

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

LED Videowall Scaling

Built-in Test Patterns - For easy projector setup

Supports Customized Video Logo

Flexible Aspect Ratio Conversion

Audio Handling - Audio deembed from H.264 streaming, 3G HDSDI, HDMI, DisplayPort, and HDBaseT inputs to analog and S/PDIF; reembed to 3G HDSDI, 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 power amplifier supporting 15W+15W RMS loudspeaker outputs, separate stereo balanced line level audio outputs for external amplifier systems

Picture-in Picture

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

KRAMER

TECHNICAL SPECIFICATIONS

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, 2 3G HDSDI on BNC connectors, 1 genlock sync, 1 H.264 1080p streaming video
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, 1 3G HDSDI on a BNC 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, custom resolutions
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"