KRAMER

VP-798ASV
12-Input 4K60 4:2:0 Presentation Switcher/Scaler with Fast Switching, Genlock, Streaming Input & Videowall Scaling

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

VP-798ASV is a universal 4K@60Hz (4:2:0) presentation scaler-switcher for HDMI, DisplayPort, HDBaseT, VGA, composite, DVI-U, 3G HD-SDI, H.264 streaming input signals and analog audio. Its HQUltraFast technology switches in typically a quarter of a second

FEATURES

HQUltra Scaling - Low-latency, 4K best-in-class, 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

Max. Resolution - 4K@60Hz (4:2:0)

Genlock Input - For live events and professional broadcast installations

Ease of Setup - Front panel jog-wheel and LCD display for fast easy set-up 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 de-embed from H.264 streaming, 3G HD-SDI, HDMI, DisplayPort, and HDBaseT inputs to analog and S/PDIF; re-embed to 3G HD-SDI, 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 Mirrored Outputs - For local monitoring of live output feed

Flexible Control Options - Front panel buttons and jog wheel with LCD, RS-232, Ethernet with built-in Web pages and via API

USB Connectors - For firmware upgrading

TECHNICAL SPECIFICATIONS

VIDEO INPUTS:	1 HDBT on an RJ−45 connector, 1 DisplayPort connector, 2 HDMI (4K UHD) connectors, 1 HDMI (HD) connector, 1 DVI−U (DVI/HDMI & VGA/RGBS/YPbPr), 1 VGA on a 15−pin HD connector, 1 CV on an RCA connector, 2 3G HD−SDI 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 RJ−45 connector, 1 HDMI connector, 1 DVI/HDMI on a DVI−I connector, 1 3G HD−SDI on a BNC connector
AUDIO OUTPUTS:	Speaker on a 4−pin terminal block, line out on a 5−pin terminal block, S/PDIF on an RCA connector
PORTS:	1 RS−232 on a 9−pin D−sub connector, 1 LAN on an RJ−45 connector, 2 USB−A 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 double−rate 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 color 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 non−condensing
POWER CONSUMPTION:	100−264V AC, 50/60Hz, 65W
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"
Product Dimension	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	2.7kg (6.0lbs) approx
Shipping Dimension	0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00") W, D, H
Shipping Weight	3.8kg (8.3lbs) approx

SDI | GNLK | HDBT | HDMI | DVI | HDBT | DVI | Eth

From: TP-580TXR

To: TP-580RXR

3G-SDI Camera

Blu-ray Player

Computer Graphics Source

Projector

Media Player (H.264)

Audio

DP

SDI

HDMI

RS-232

Audio

Microphone

Computer Graphics Source

3G-SDI Video Recorder

Display

Control Computer

Speakers