



# KRAMER

## VP-733

12input ProScale™ Presentation Matrix Switcher/4K30 UHD Scaler with Preview & Program Outputs and Legacy, Digital and HDBaseT I/Os

| HDMI | Speakers | Ethernet - RJ-45 | HDBaseT  
| 4K/30 UHD



VP733 is a 12input Presentation Matrix Switcher/Dual Scaler for a wide variety of presentation and multimedia applications. VP733 has HDMI, DisplayPort, HDBaseT and userdefinable (universal) analog video inputs (each can be set as computer graphics, composite video, sVideo (Y/C) or component video). It upscales or downscales to selectable output resolutions up to 4K and provides glitchfree switching between sources through fast FTB™ (fadethrublack) switching technology. Independent Program and Preview outputs are available simultaneously, or the unit can be configured for PIP, with all outputs mirrored. Outputs are available on two HDMI connectors, an HDBaseT, a DP, and a 15pinHD computer graphics video connector. Rich audio support is also included, with digital audio embedding and deembedding, as well as 10 analog stereo inputs and analog, S/PDIF, and speaker outputs

## FEATURES

**PixPerfect™ Scaling Technology** - Kramer's precision pixel mapping and highquality scaling technology

**Fast FadeThruBlack (FTB™) Switching** - Clean and fast, fade to black for smooth, constant sync glitchfree switching

**KIIT XL™ PictureinPicture Image Insertion Technology** - Ultra stable pictureinpicture, pictureandpicture, and split screen capability

**Dual Scalers** - With independent outputs

**Preview Mode Button** - Toggles between the PIP mode and the PREVIEW mode

**10 Preview/Program Input Buttons** - For switching a selected input to the preview output (in PREVIEW mode) and for switching a selected input to the program output

**Output Resolutions** - Up to 4K@30Hz on the program output, up to 720p on the preview output

**Scaled Video Outputs** - 2 HDMI, 1 DP, 1 HDBaseT and 1 15pin HD computer graphics video

**12 Video Inputs** - 4 HDMI, 4 universal analog, 2 DisplayPort, 2 HDBaseT

**Multiple Computer Graphics Output Resolutions** - Including a userdefined output resolution

**Multiple Aspect Ratio Selections**

**Audio Breakaway & AFV Support**

**Embedded Audio** - On the HDMI, HDBaseT and DisplayPort inputs and outputs

**Builtin Noise Reduction & Picture Enhancement**

**Powerful Audio Features** - Via DSP technology including audio equalization, mixing, delay and more

**Speaker Output** - One stereo speaker output, 10W per channel into 8, on a 4pin terminal block connector

**Input AutoSwitching & AutoScanning**

**Efficient PowerSaving Features**

**Builtin Time Base Corrector** - Stabilizes video sources with unstable sync

**Builtin ProcAmp** - Color, hue, sharpness, contrast, and brightness per input

**Function Buttons** - Blank and Freeze for the preview and program modes, Reset to XGA/720p (to reset the output resolution) and PANEL LOCK

**Text Overlay Support** - via userfriendly software application

**Firmware Upgrade** - Ethernetbased, via a userfriendly software upgrade tool

**OnScreen Display**

**USB Port** - For downloading splashscreen logo and storing/downloading machine configurations via diskonkey

**NonVolatile Memory** - Retains last settings after powering off and on

**Video Processing** - Filters and algorithms eliminate picture artifacts

Scales & Zooms - Up to 400% of original size

Advanced EDID Management

Various Control Options - RS232 serial commands transmitted by a touch screen system, PC, or other serial controller, infrared remote control transmitter, Ethernet using builtin Web pages



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## TECHNICAL SPECIFICATIONS

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4 HDMI	on female HDMI connectors
4 Universal	on 15pin Dsub connectors
2 Display Port	on female Display Port connectors
2 HDBaseT	on RJ45 connectors
10 Unbalanced Stereo	on 3.5mm mini jacks
1 S/PDIF	on an RCA connector
2 HDMI	on female HDMI connectors
1 Display Port	on a female Display Port connector
1 HDBaseT	on an RJ45 connector
VGA/HD	on a 15pin Dsub connector
Included	IR remote control, power cord, rack ears
PRODUCT DIMENSION:	19" x 9.34 x 1U (43.6cm x 23.72cm 4.36cm) W, D, H
PRODUCT WEIGHT:	2.7kg (6.0lbs) 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 (7.8lbs) approx
1 S/PDIF	on an RCA connector
Balanced Audio (Speaker)	on a 5pin terminal block connector
RS-232	on a 9pin Dsub connector
Ethernet	on an RJ45 connector
HDMI Standards Compliance	Supports HDMI and HDCP
Output Resolutions (Program)	
Output Resolutions (Preview)	
Controls	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
Input	100240V/5060Hz
Consumption	700mA
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

