VP-733

12-Input 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

VP-733 is a 12-input Presentation Matrix Switcher/Dual Scaler for a wide variety of presentation and multimedia applications. VP-733 has HDMI, DisplayPort, HDBaseT and user-definable (universal) analog video inputs (each can be set as computer graphics, composite video, s-Video (Y/C) or component video). It up-scales or down-scales to selectable output resolutions up to 4K and provides glitch-free switching between sources through fast FTB™ (fade-thru-black) 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 15-pin-HD computer graphics video connector. Rich audio support is also included, with digital audio embedding and de-embedding, as well as 10 analog stereo inputs and analog, S/PDIF, and speaker outputs

FEATURES

PixPerfect™ Scaling Technology - Kramer's precision pixel mapping and high-quality scaling technology

Fast Fade-Thru-Black (FTB™) Switching - Clean and fast, fade to black for smooth, constant sync glitch-free switching

K-IIT XL™ Picture-in-Picture Image Insertion Technology - Ultra stable picture-in-picture, picture-and-picture, 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 15-pin HD computer graphics video

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

Multiple Computer Graphics Output Resolutions - Including a user-defined output resolution

Multiple Aspect Ratio Selections

Audio Breakaway & AFV Support

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

Built-in 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 8Ω, on a 4-pin terminal block connector

Input Auto-Switching & Auto-Scanning

Efficient Power-Saving Features

Built-in Time Base Corrector - Stabilizes video sources with unstable sync

Built-in Proc-Amp - 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 user-friendly software application

Firmware Upgrade - Ethernet-based, via a user-friendly software upgrade tool

On-Screen Display

USB Port - For downloading splash-screen logo and storing/downloading machine configurations via disk-on-key

Non-Volatile 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 - RS−232 serial commands transmitted by a touch screen system, PC, or other serial controller, infrared remote control transmitter, Ethernet using built−in Web pages

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TECHNICAL SPECIFICATIONS

Inputs	4 HDMI on female HDMI connectors
	4 Universal on 15−pin D−sub connectors
	2 Display Port on female Display Port connectors
	2 HDBaseT on RJ−45 connectors
	10 Unbalanced Stereo on 3.5mm mini jacks
	1 S/PDIF on an RCA connector
Outputs	2 HDMI on female HDMI connectors
	1 Display Port on a female Display Port connector
	1 HDBaseT on an RJ−45 connector
	VGA/HD on a 15−pin D−sub connector
	1 S/PDIF on an RCA connector
	Balanced Audio (Speaker) on a 5−pin terminal block connector
Accessories	Included IR remote control, power cord, rack ears
Ports	RS-232 on a 9−pin D−sub connector
	Ethernet on an RJ−45 connector
Video	HDMI Standards Compliance Supports HDMI and HDCP
	Output Resolutions (Program)
	Output Resolutions (Preview)
User Interface	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
Power	Input 100−240V/50−60Hz
	Consumption 700mA
Environmental Conditions	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
Product Dimensions	19" x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H
Product Weight	2.7kg (6.0lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
Shipping Weight	3.6kg (7.8lbs) approx

HDMI	VGA	DP	HDMI	HDBT	Eth	Audio

Blu-ray Player

DVD Player (Component)

Notebook

Projector

TP-580Rxr Receiver

Ethernet

Active Speakers

VGA	HDMI	HDMI	HDBT	RS-232	Audio

DVD Player (CV or YC)

Laptop

Display

TP-580Txr Transmitter

Control Computer

Speakers