



KRAMER

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



TECHNICAL SPECIFICATIONS

Inputs

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

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

Accessories

PRODUCT DIMENSION: 19" x 9.34 x 1U (43.6cm x 23.72cm 4.36cm) W, D, H

PRODUCT WEIGHT: 0.0kg (0.0lbs) approx

SHIPPING DIMENSION: 52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H

SHIPPING WEIGHT: 0.0kg (0.0lbs) approx

Outputs

Balanced Audio (Speaker) on a 5-pin terminal block connector

Ports

Ethernet on an RJ-45 connector

Video

Output Resolutions (Program)

Output Resolutions (Preview)

User Interface

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

Consumption 700mA

Environmental Conditions

Storage Temperature -40° to +70°C (-40° to 158°F)

Humidity 10% to 90%, RHL non-condensing

