



9-INPUT PROSCALE™ PRESENTATION SCALER / SWITCHER



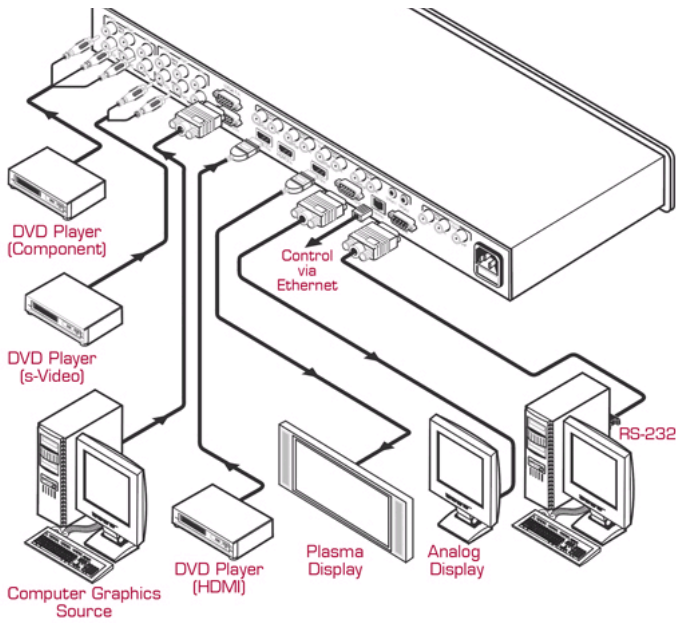
DESCRIPTION

The VP-729 is a 9-input scaler/switcher for analog and digital video, unbalanced stereo, and S/PDIF audio signals. It scales any video signal (composite, s-Video (Y/C), component video (YUV), HDMI, computer graphics video and jpeg files) up or down to a selectable graphics or HDTV output resolution via HDMI or 15-pin HD outputs. It provides glitch-free switching between sources through FTB™ (fade-thru-black) switching technology.

- Silicon Optix HQV® Video Processing – HQV (Hollywood Quality Video) processing represents the state-of-the-art in video processing technology, with the highest quality de-interlacing, noise reduction, and scaling performance for both standard-definition and high-definition signals.
- K-Storm™ Scaling Technology Kramer's extremely high performance scaling technology. High quality 3:2 and 2:2 pull down de-interlacing and full up and down scaling of computer graphics video input signals.
- HDTV Compatible
- HDCP Compliant - The HDCP (High Definition Content Protection) license agreement allows copy-protected data on the HDMI input to pass only to the HDMI output.
- Fade-Thru-Black (FTB™) Switching The video fades to black and then the new input fades from black for smooth, glitch-free switching. The output signal provides constant sync so the display never glitches.
- K-IIT™ Picture-in-Picture Image Insertion Technology - Ultra-stable picture-in-picture image insertion capability. Any video source can be inserted into a computer graphics video source or vice versa (or two images can be placed) with positioning and sizing controls.
- Video Inputs - 4 universal video each on 3 RCA (composite, s-Video, component), 2 computer graphics video (15-Pin HD), 2 HDMI and 1 USB (for jpeg data).
- HDTV Compatible Component Input.
- Scaled Video Outputs - HDMI & 15-Pin HD.
- HDTV Output Resolutions - 480p, 576p, 720p and 1080i, 1080p.
- Multiple Computer Graphics Output Resolutions - Up to 1920x1080 Including a user-defined output resolution with selectable refresh rates.
- Multiple Aspect Ratio Selections.
- Companion AFV (Audio-Follow-Video) for Every Analog Video Input - Supports embedded audio on the 2 HDMI inputs and outputs.
- Audio Inputs - 4 (stereo audio or S/PDIF on 2 RCAs) for each of the 4 universal video inputs, 2 stereo audio (on 3.5mm) for the 2 computer graphics video inputs.
- Audio Outputs - S/PDIF and stereo audio (RCAs). Transcodes stereo or S/PDIF audio to both stereo and S/PDIF audio and embeds audio onto the HDMI output.
- Built-in Time Base Corrector - Stabilizes video sources with unstable sync.
- Multiple Color Space - Output RGB or YUV (selectable).
- Built-in Proc-Amp - Color, hue, sharpness, contrast, and brightness are set individually for each input.
- Front Panel Lockout.

Front Panel Freeze Frame

- Video Blanking - Blue or black screen selectable.
- Projector Anywhere™ Technology Horizontal & vertical geometry controls to compensate for off-axis projector placement.
- Flexible Control Options - Front panel, IR Remote (with on-screen menus) Ethernet & RS-232.
- Worldwide Power Supply - 100-240V.
- Standard 19" Rack Mount Size - 1U, rack "ears" included.



on an HD15 connector (1 x analog, UXGA) 2 x HDMI connectors 1 x USB connector For each universal input there is a corresponding (unbalanced) audio stereo input and digital S/PDIF input on RCA connectors For each UXGA input there is a corresponding (unbalanced) audio stereo input on a 3.5mm mini jack connector

OUTPUTS:

1 HDMI connector 1 UXGA format on an HD15 connector 1 unbalanced audio stereo output on RCA connectors 1 digital S/PDIF output on an RCA connector

COMPLIANCE WITH HDMI STANDARD: Supports HDMI 1.3 and HDCP

OUTPUT RESOLUTIONS:

Native	HDMI,	640x480x60Hz,
640x480x75Hz,		800x600x60Hz,
800x600x60Hz,		800x600x75Hz,
1024x768x50Hz,		1024x768x60Hz,
1024x768x75Hz,		1280x768x50Hz,
1280x768x60Hz,		1280x1024x50Hz,
1280x1024x60Hz,		1280x1024x50Hz,
1366x768x50Hz,		1366x768x60Hz,
1400x1050x50Hz,		1400x1050x50Hz,
1600x1200x50Hz,		1600x1200x60Hz,
1680x1050x60Hz,	480p, 576p, 720p	50Hz, 720p 60Hz, 1080i 50Hz, 1080i
60Hz, 1080p 50Hz, 1080p 60Hz or	Custom	

CONTROL:

Front panel buttons / OSD, IR remote control, RS-232 on a 9-pin D-sub connector, Picture-In-Picture: Video in Graphics (or vice versa) in any size and at any location, or Split Screen (2 images side-by-side)

ADDITIONAL CONTROLS:

Freeze, zoom, different selectable vertical refresh rates, Video and Audio ProcAmp control, output image scaling and aspect ratio change

POWER SOURCE:

100-240 VAC, 50/60 Hz, 30VA automatic power supply

DIMENSIONS:

19" (W), 9.3" (D) 1U (H) rack mountable

WEIGHT:

3kg (6.6lbs.) approx.

ACCESSORIES:

Null modem adapter, IR remote control, power cord