



## VP-729

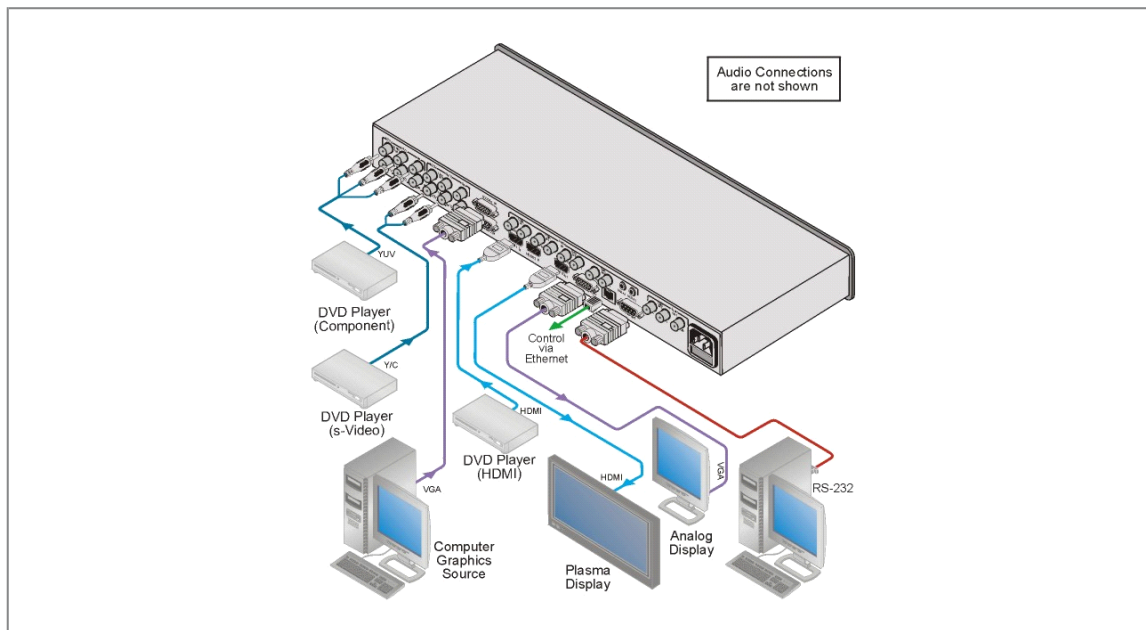
### 9-Input ProScale™ Presentation Scaler/Switcher with Ethernet Control



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.



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. The **VP-729** is the same as the VP-728 with the addition of Ethernet control.





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### FEATURES

- **HQV® Video Processing** - HQV (Hollywood Quality Video) processing represents the state-of-the-art in video processing technology, with the highest quality de-interlacing (with 3:2 & 2:2 pull down), noise reduction, and scaling performance for both standard-definition and high-definition signals.
- **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 XL™ Picture-in-Picture Image Insertion Technology** - Ultra stable picture-in-picture, picture-and-picture, and split screen capability. Any video source can be inserted into or positioned next to a computer graphics video source or vice versa with window positioning and sizing controls.
- **Projector Anywhere™ Technology** - Horizontal & vertical geometry controls to compensate for off-axis projector placement.
- **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.
- **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).
- **Multi-Standard** - Auto, NTSC (3.58/4.43), PAL (M/N/60) & SECAM.
- **HDTV Compatible Component Input.**
- **Scaled Video Outputs** - HDMI & 15-pin HD.
- **HDTV Output Resolutions** - 480p, 576p, 720p, 1080i, and 1080p.
- **Computer Graphics Output Resolutions** - 23 plus a user definable custom output resolution with selectable refresh rates.
- **Multiple Aspect Ratio Selections** - 4x3 or 16x9, anamorphic, letter box, and user definable settings.
- **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 RCA connectors for each one of the 4

### TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	4 x universal Y/CV, Pb/C, Pr (composite, s-Video and component) 1 Vpp/75Ω on RCA connectors; 2 x UXGA on a 15-pin HD connector (VGA through UXGA); 2 x HDMI connectors; 1 x USB connector; For each universal input there is a corresponding (unbalanced) audio stereo input (1V nom/ 25kΩ minimum) and digital stereo S/PDIF input (32kHz to 96kHz sample frequency/75Ω) on RCA connectors; For each UXGA input there is a corresponding (unbalanced) audio stereo input on a 3.5mm mini jack connector.
<b>OUTPUTS:</b>	1 HDMI connector; 1 UXGA format on a 15-pin HD connector; 1 unbalanced audio stereo output (1V nom/50Ω) on RCA connectors; 1 digital stereo S/PDIF output (32kHz to 96kHz sample frequency/75Ω) on an RCA connector.
<b>COMPLIANCE WITH HDMI STANDARD:</b>	Supports HDMI and HDCP.
<b>OUTPUT RESOLUTIONS :</b>	Native HDMI, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x720x60Hz, 1280x800x60Hz, 1280x1024x50Hz, 1280x1024x60Hz, 1280x1024x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x50Hz, 1400x1050x60Hz, 1600x1200x50Hz, 1600x1200x60Hz,