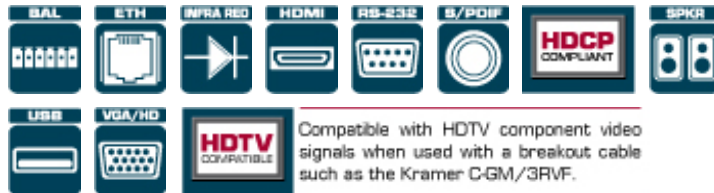


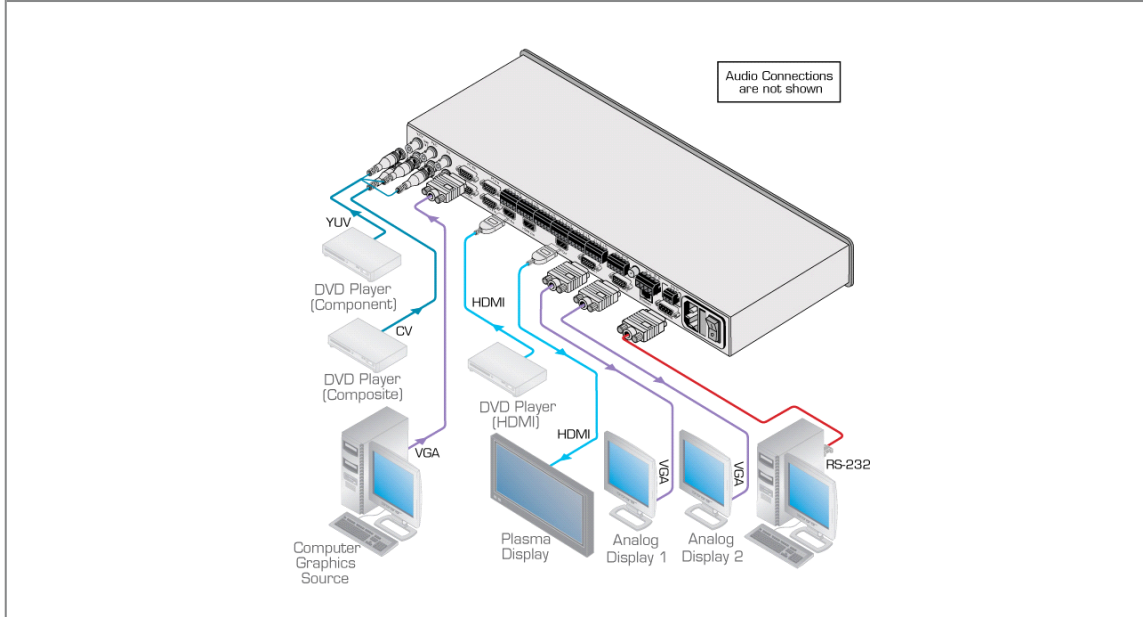


## VP-731

9-Input ProScale™ Presentation Scaler/Switcher with Ethernet Control & Speaker Outputs



The **VP-731** is a 9-input scaler/switcher for analog video, digital video, balanced stereo and S/PDIF audio signals. It up or down-scales composite, s-Video (Y/C), component video (YUV), HDMI, computer graphics video and JPEG files to a selectable computer graphics video or HDTV output resolution on one HDMI and two 15-pin HD outputs. It includes a power amplifier to drive loudspeakers. The unit provides glitch-free switching between sources through FTB™ (fade-thru-black) switching technology. The **VP-731** is the same as the VP-730 with the addition of Ethernet control.



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.
- **Video Inputs** - 2 universal video each on 3 BNC connectors (composite, s-Video, component), 4 computer graphics/component video (15-pin HD), 2 HDMI and 1 USB (for JPEG data).
- **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.
- **Scaled Video Outputs** - 1 HDMI & 2 15-pin HD.
- **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.
- **Multi-Standard** - Auto, NTSC (3.58/4.43), PAL (M/N/60) & SECAM.
- **HDTV Compatible Component Input.**
- **HDTV Output Resolutions** - 720p, 1080i, and 1080p.
- **Computer Graphics Output Resolutions** - 23 plus 4 user-definable (custom) output resolutions 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.
- **Built-In Audio Amplifier** - 6W RMS per channel

(composite, s-Video and component); 1Vpp/75Ω on BNC connectors;  
 4 UXGA on a 15-pin HD (F) connector (VGA through UXGA);  
 2 HDMI connectors;  
 1 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;  
 2 x PC (computer graphics) on 15-pin HD connectors;  
 1 balanced stereo audio on a 5-pin terminal block;  
 1 digital S/PDIF output on an RCA connector;

**COMPLIANCE WITH HDMI STANDARD:**

Supports HDMI and HDCP.

**OUTPUT RESOLUTION:**

Native HDMI, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x720x60Hz, 1280x800x60Hz, 1280x1024x50Hz, 1280x1024x60Hz, 1280x1024x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x50Hz, 1400x1050x60Hz, 1600x1200x50Hz, 1600x1200x60Hz, 1680x1050x60Hz, 1920x1080x60Hz, 1920x1200x60Hz, 480px60Hz, 576px60Hz, 720px50Hz, 720px60Hz, 1080ix50Hz, 1080ix60Hz, 1080px50Hz,