



VP-730

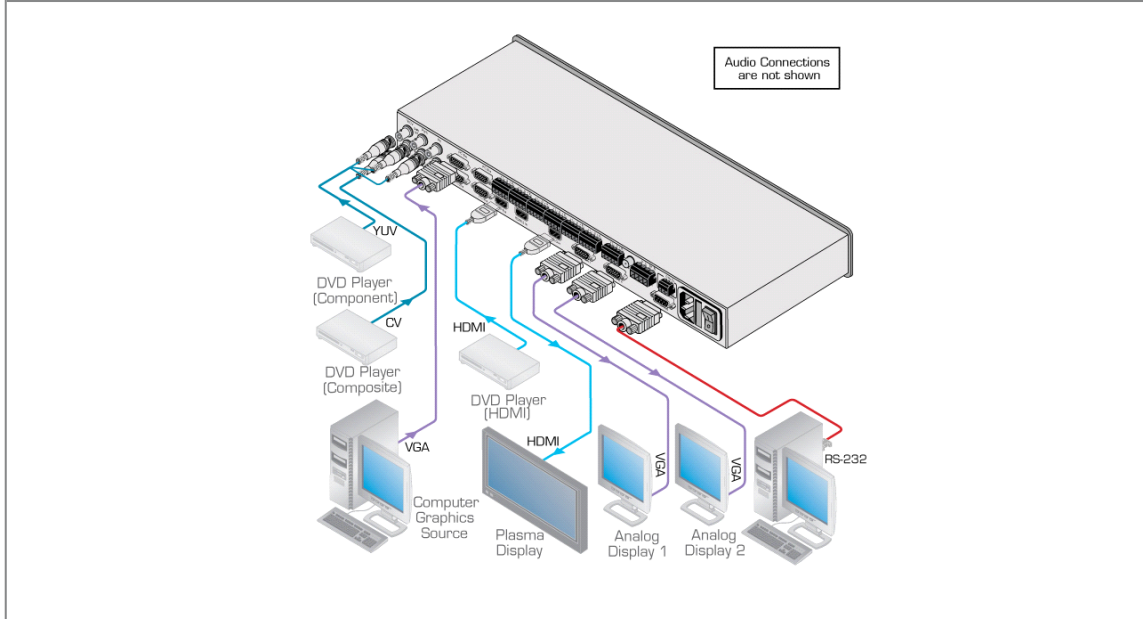
9-Input ProScale™ Presentation Scaler/Switcher with Speaker Outputs



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



The **VP-730** is a 9-input scaler/switcher for analog video, digital video, balance 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.



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.
- **Video Inputs** - 2 universal video each on 3 BNC (composite, s-Video, component), 4 computer graphics/component video (15-pin HD), 2 HDMI and 1 USB (for JPEG data).
- **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) 1 Vpp/75Ω on BNC connectors;

4 x PC (computer graphics) on 15-pin HD connectors (VGA through UXGA);

2 x HDMI connectors;

1 x USB connector;

For each universal and PC input there is a corresponding balanced stereo audio or digital S/PDIF input on 5 pin terminal blocks.

OUTPUTS:

1 HDMI connector;

2 x PC (computer graphics) on 15-pin HD connectors;

1 balanced stereo audio output on a 5-pin terminal block;

1 digital S/PDIF output on an RCA connector;

COMPLIANCE WITH HDMI STANDARD:

Supports HDMI and HDCP.

OUTPUT

Native HDMI, 640x480x60Hz,

RESOLUTIONS:

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,

1080px60Hz, or custom.

CONTROL:

Front panel buttons/OSD, IR