VP-720xl

ProScale™ Digital Scaler/Switcher

RS-232	CV	YC	YUV	DVI	UNBAL	VGA
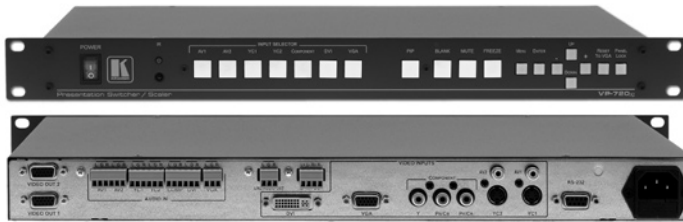
The **VP-720xl** is a 7-input scaler/switcher with unbalanced stereo audio. It scales any composite, s-Video (Y/C), component video (YUV), DVI Video or computer graphics video signal up or down to a selectable graphics output resolution and provides glitch-free switching between sources through FTB™ (fade-thru-black) switching technology.

FEATURES

- **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.
- **Fade-Thru-Black (FTB™) Switching** - The video fades to black and then the new input fades from black for glitch-free and smooth switching. The output signal provides constant sync so the display never glitches.
- **K-ITT™ 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 with positioning and sizing controls. A unique Split-Screen mode (2 images side-by side) is also available.
- **7 Video Inputs.**
- **Dual Output Connectors** - 2 computer graphics video outputs on 15-pin HD connectors.
- **Multiple Computer Graphics Output Resolutions** - including a user-defined output resolution with selectable refresh rates.
- **Multi-Standard Video Signal Compatibility** - PAL, SECAM, & NTSC (3.58/4.43).
- **Multiple Aspect Ratio Selections.**
- **HDTV Compatible Component Input.**
- **Companion AFV (audio follow video) Stereo Audio for Every Input.**
- **Built-in 5 Watt RMS per Channel Audio Amplifier with Speaker Output connectors.**

- **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 Audio Mute & Video Blanking (blue or black screen selectable).**
- **Freeze Frame & Zoom (100% to 400%).**
- **Flexible Control Options** - Front panel buttons, IR Remote (with on-screen menus) & RS-232.
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

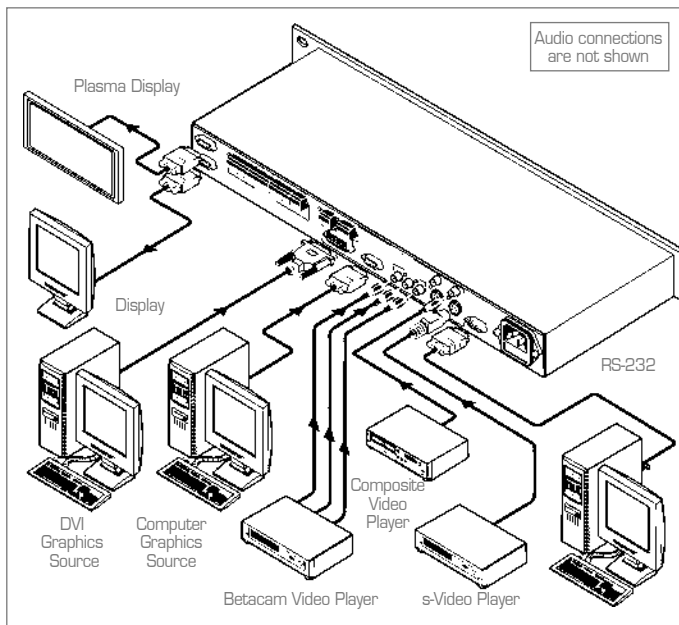|	
INPUT:	Video (7): 2xCV (1Vpp/75Ω) on RCAs; 2xY/C (Y=1Vpp/75Ω, C=0.3Vpp/ 75Ω) on 4-pin connectors; 1 x Component (Y, Pb/Cb, Pr/Cr) on RCA connectors - both progressive and interlaced signals accepted; 1 x DVI-D on a DVI-I connector; 1 x VGA on an HD-15F Connector (VGA through UXGA + HDTV); Audio: 7 unbalanced stereo audio inputs on terminal block connectors.
OUTPUTS:	Video: 2 VGA on HD-15F connectors for computer output resolutions (RGBHV). Audio: 1 line-level stereo and 1 stereo loudspeaker (5 Watts RMS per channel) on terminal block connectors.
OUTPUT RESOLUTIONS:	Computer (RGBHV): VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), 1024x852, 1024x1024, 1366x768, 1365x1024, 1280x720, 720x483, 852x480, 1400x1050, 1280x768.
CONTROL:	Front Panel and Infrared remote with on-screen display; RS-232 (on a DB-9 connector).
ADDITIONAL CONTROLS:	Picture-In-Picture: Video in graphics (or vice versa) in sizes up to quarter screen at any location, or split-screen (2 images side-by-side); freeze frame, zoom, selectable vertical refresh rates, audio and video proc amp, output image scaling, and aspect ratio.
POWER SOURCE:	100-240 VAC, 50/60Hz, 50VA.
DIMENSIONS:	19" (W), 9.3" (D) 1U (H) rack mountable.
WEIGHT:	3kg. (6.6lbs.) approx.
ACCESSORIES:	IR remote control, power cord, null modem adapter.

Audio connections are not shown

Plasma Display

Display

DVI Graphics Source

Computer Graphics Source

Composite Video Player

Betacam Video Player

s-Video Player

RS-232

► Unique Feature - **Picture-In-Picture**