



VP-720xl

7-Input ProScale™ Presentation Digital Scaler / Switcher With Picture-In-Picture



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



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.
- **Computer Graphics Output Resolutions** - 18 plus one user-definable custom output resolution with selectable refresh rates.
- **Multi-Standard Video Signal Compatibility** - PAL, SECAM, & NTSC (3.58/4.43).
- **Multiple Aspect Ratio Selections** - 4x3 or 16x9, anamorphic, letter box, and user definable settings.
- **HDTV Compatible Component Input.**
- **Companion AFV (audio-follow-video) Stereo Audio for Every Input.**
- **Built-In 5W RMS per Channel Audio Amplifier with Speaker Output Connectors.**
- **Built-in Time Base Corrector** - Stabilizes unstable video sources.
- **Multiple Color Space** - Input RGB or YUV (selectable).
- **Built-In ProcAmp** - 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): 2 CV: 1Vpp/75Ω on RCA connectors; 2 Y/C 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4-pin connectors; 1 component (Y, Pb/Cb, Pr/Cr) on RCA connectors, both progressive and interlaced signals accepted; 1 DVI-D on a DVI-I connector; 1 VGA on a 15-pin HD (F) connector (VGA through UXGA + HDTV); Audio: 7 unbalanced stereo audio inputs on terminal block connectors.
OUTPUTS:	Video: 2 VGA on 15-pin HD connectors for computer output resolutions (RGBHV). Audio: 1 line-level stereo and 1 stereo loudspeaker (5W RMS per channel) on terminal block connectors.
OUTPUT RESOLUTION:	Computer (RGBHV): VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), 1024x852, 1024x1024, 1366x768, 1365x1024, 1280x720, 720x483, 852x480, 1400x1050, 1280x768 & custom.
CONTROL:	Front panel and infrared remote with on-screen display; RS-232 (on a 9-pin D-sub connector).
ADDITIONAL CONTROLS:	Picture-In-Picture: video in graphics (or vice versa) in any size at any location, or split-screen (2 images side-by-side); freeze frame, zoom, selectable vertical refresh rates, audio and video ProcAmp, output image scaling, and aspect ratio selection.
MAX AUDIO IN:	1.9Vpp.
MAX AUDIO OUT:	4.8Vpp.
POWER CONSUMPTION:	100-240V AC, 50/60Hz, 50VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	3kg (6.6lbs) approx.
INCLUDED ACCESSORIES:	IR remote control, power cord, null-modem adapter.

