



KRAMER

VP-724xl

ProScale™ Presentation Scaler / Switcher



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



The **VP-724xl** is an 8-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 or HDTV 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.
- **8 Video Inputs** - including 2 15-pin HD computer graphics video inputs.
- **Dual Output Connectors** - 2 computer graphics video outputs on 15-pin HD connectors.
- **HDTV Output Resolutions** - 480p, 720P, 1080i and 1080p in component format on the HD-15 output connectors with selectable refresh rates.
- **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.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

- INPUT:** Video (8): 2xCV (1Vpp/75Ω) on RCAs; 2xY/C (Y=1Vpp/75Ω, C=0.3Vpp/75Ω) on 4-pin connectors; 1xComponent (Y, Pb/Cb, Pr/Cr) on RCA connectors – both progressive and interlaced signals accepted; 1xDVI-D on a DVI-I connector; 2xVGA on HD-15F Connectors (VGA through UXGA + HDTV); Audio: 8 unbalanced stereo audio inputs on terminal block connectors.
- OUTPUT:** Video: 2 VGA on HD-15F connectors for computer output resolutions (RGBHV) and component output resolutions (HDTV). Audio: 1 line-level stereo and 1 stereo loudspeaker (5 Watts 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. HDTV (Component): 480p, 720p, 1080i, 1080p.
- 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.
- MAX AUDIO IN:** 1.9 Vpp
- MAX AUDIO OUT:** 4.8 Vpp
- POWER CONSUMPTION:** 110–240V AC, 50/60Hz, 50VA.
- DIMENSIONS:** 19" (W), 9.3" (D), 1U (H) rack mountable
- WEIGHT:** 3kg (6.6lbs) approx
- INCLUDED ACCESSORIES:** IR remote control, power cord, null modem adapter.

