



# KRAMER

## VP-727

8x2:3 ProScale™ In-CTRL™ Dual Scaler Seamless Switcher



The **VP-727** In-CTRL Dual Scaler Seamless Switcher is a true multi-standard video to graphics scaler and seamless switcher with 8 universal inputs comprised of 5 BNCs, any of which can accommodate a composite video, s-Video (Y/C), component video (RGB/YUV), RGBS, or RGBHV signal. It has dual scalers, one for the preview and the other for the program output. Dual scalers are required to do "live" seamless transitions from one source to another.

## FEATURES

- **Dual Scalers with Preview and Program Outputs** - Perfect for live productions. Preview and program signals are each simultaneously output as a DVI and an RGBHV/YUV signal on both a set of 5 BNC connectors and a 15-pin HD connector.
- **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 and video input signals.
- **True Seamless Switching with FX** - With the incorporation of two scalers, the unit can switch absolutely seamlessly between 2 live sources. Transitions include cut and fade plus numerous other effects each with multiple variations and speeds.
- **K-IIT™ 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 and vice versa with positioning and sizing controls available to the user. A unique Split-Screen mode is also available.
- **HDTV Compatible.**
- **Companion Audio Switcher Available** - The VP-727A is an 8x2:3 stereo audio companion switcher for the VP-727(xl). The unit switches eight unbalanced stereo audio inputs to the selected preview and program outputs.
- **Take Button** - Executes preview to program switching (with transition effect).
- **Text Overlay.**
- **8 Universal Video Inputs** - Each input has 5 BNCs which can be configured to accept composite video, s-Video (Y/C), component video (RGB/YUV), RGBS, or RGBHV signals.
- **Multiple Computer Graphics Output Resolutions** - 12 plus one user-definable custom output resolution with selectable refresh rates.
- **HDTV Output Resolutions** - 480p, 576p, 720p, 1080i, and 1080p in component format on all output connectors.
- **Multi-Standard** - PAL, SECAM, & NTSC (3.58/4.43).
- **Multiple Aspect Ratio Selections** - 4x3 or 16x9, anamorphic, letter box, and user definable settings.
- **Built-in Time Base Corrector** - Stabilizes unstable video sources.
- **Multiple Color Space** - Output RGB or YUV (selectable).
- **Built-In ProcAmp** - Color, hue, sharpness, contrast, and brightness are set individually for each input.
- **Front Panel Lockout.**
- **Freeze Frame.**

- Video Blanking - Blue or black screen selectable.
- Zoom - 100% to 400%.
- Flexible Control Options - Front panel buttons, IR. Remote (with on-screen menus), Ethernet, RS-232, RS-485, T-bar control via the VP-727T.
- Worldwide Power Supply - 100–240V AC.
- Standard 19" Rack Mount Size - 3U. Rack "ears" included.

INPUT:	8 sets of universal BNC connectors: R/Pr, G/Y/CV, B/Pb/C, Hs/Cs, and Vs, each programmable for use as CV, Y/C, RGB, YPbPr, RGBS or RGBHV.
PREVIEW OUTPUT:	1 DVI-D on a DVI-I connector; 1 VGA (VGA through UXGA) on a 15-pin HD (F) connector. 1 RGBHV/YPbPr on BNC connectors.
PROGRAM OUTPUT:	1 DVI-D on a DVI-I connector. 1 VGA (VGA through UXGA) on a 15-pin HD (F) connector. 1 RGBHV/YPbPr on BNC connectors.
COMPUTER OUTPUT RESOLUTIONS:	VGA (640x480), SVGA (800x600), 832x624, 852x480, XGA (1024x768), 1280x720, 1280x768, SXGA (1280x1024), 1366x768, 1365x1024, 1400x1050, UXGA (1600x1200) & custom.
HDTV OUTPUT RESOLUTIONS:	480p, 576p, 720p, 1080i & 1080p.
CONTROLS:	Front panel buttons, high contrast LCD, IR remote control, ETHERNET, RS-232, and RS-485.
ADDITIONAL CONTROLS:	Freeze, zoom, different selectable vertical refresh rates, ProcAmp control, output image scaling, picture-in-picture, text overlay, aspect ratio change and optional T-bar remote controller.
POWER CONSUMPTION:	100–240V AC, 50/60Hz, 55VA.
DIMENSIONS:	19" x 9.3" x 3U W, D, H, rack mountable.
WEIGHT:	5.5kg (12.2lbs) approx.
INCLUDED ACCESSORIES:	IR remote control, power cord, null-modem adapter, rack "ears".
OPTIONS:	Control panel.

