# VP-719xl
## ProScale™ Digital Scaler/Switcher

| RS-232 | CV | YC | YUV | DVI | UNBAL | VGA |
|--------|----|----|----|----|-------|-----|
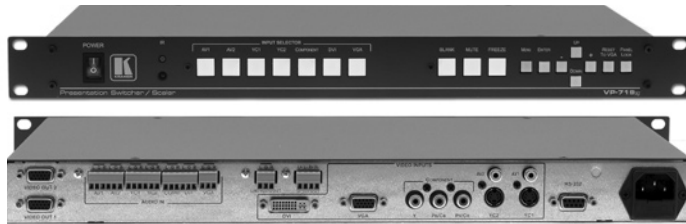
The **VP-719xl** is a 7-input scaler/switcher with unbalanced stereo audio. It scales any composite, s-Video (Y/C), component video (YUV), DVI Video or computer graphics video signal up or down to a selectable graphics output resolution and provides glitch-free switching between sources through FTB™ (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 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.
- **7 Video Inputs.**
- **Dual Output Connectors** - 2 computer graphics video outputs on 15-pin HD connectors.
- **Computer Graphics Output Resolutions** - 13 and one user-defined 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 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: 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: | Freeze frame, zoom, selectable vertical refresh rates, audio and video proc amp, output image scaling, and aspect ratio. |
| POWER SOURCE: | 110-240V AC, 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. |



Plasma Display 2
Audio connections are not shown
Plasma Display 1
RS-232
DVI Graphics Source
Computer Graphics Source
Betacam Player
Composite Video Player 1
s-Video Player 1

**KRAMER ELECTRONICS, Ltd**

K KRAMER