



VP-725DS

18-Input ProScale™ Presentation Digital Scaler / Switcher



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



The **VP-725DS** is a presentation scaler/switcher with multiple signal format sections. The unit has 5 sections - a 4x1 composite video section, a 4x1 s-Video (Y/C) section, a 4x1 component video (YUV) section, a 4x1 computer graphics video section and a 2x1 DVI video section - that can be operated as unique individual switchers contained in one box. Also any one of the 18 inputs can be scaled to a single graphics or HDTV output resolution simultaneously on the three scaled output connectors comprised of a 15-pin HD connector, 5 BNC connectors and a DVI connector.

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 and vice versa with positioning and sizing controls. A unique split screen mode (2 images side-by-side) is also available.
- **6 Switchers in 1** - Five dedicated signal formats: a 4x1 Composite, 4x1 s-Video (Y/C), 4x1 Component (RGB/YUV), 4x1 computer graphics (15-pin HD), and a 2x1 DVI-D (on a DVI-I connector). One 18x1:3 scaled output.
- **Scaled Computer & HDTV Outputs** - A single output signal in 3 formats (15-pin HD, 3 BNCs, and DVI-D) simultaneously.
- **Multiple Computer Graphics Output Resolutions** - 13 plus one user-definable custom output resolution with selectable refresh rates.
- **HDTV Output Resolutions** - 480p, 720p and 1080i in component format on all 3 scaled outputs simultaneously with selectable refresh rates.
- **Multi-Standard** - 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.**
- **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.
- **Freeze Frame.**
- **Video Blanking** - Blue or black screen.

- 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 - 3U.

TECHNICAL SPECIFICATIONS

INPUT: 4 CV 1Vpp/75Ω on BNC connectors; 4 Y/C 1Vpp (Y); 0.3Vpp (C)/75Ω on 4-pin connectors; 4 component (Y/G, Pb/B, Pr/R or RGsB (progressive and interlaced)) on BNC connectors; 4 VGA (VGA through UXGA, RGBS or RGsB (progressive and interlaced)) on 15-pin HD (F) connectors; 2 DVI-D on DVI-I connectors (4dBu nominal, 22dBu max).

OUTPUT: **GROUP OUTPUTS:** 1 CV 1Vpp/75Ω on a BNC connector; 1 Y/C 1Vpp (Y), 0.3Vpp/75Ω (C) on a 4-pin connector; 1 component (Y/G, Pb/B, Pr/R) on BNC connectors; 1 VGA (VGA through UXGA) on a 15-pin HD (F) connector; 1 DVI-D on a DVI-I connector. **SCALED OUTPUTS:** 1 RGBHV (VGA format)/component HDTV on a 15-pin HD (F) connector; 1 RGBHV / YPbPr on BNC connectors; 1 DVI-D on a DVI-I connector; VP-725DSA: 6 balanced stereo audio on terminal block connectors, (4dBu nominal, 22dBu max).

OUTPUT RESOLUTION: VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), 1024x852, 1024x1024, 1366x768, 1365x1024, 1280x720, 720x483, 852x480, 1400x1050, 480p, 720p, and 1080i & custom.

CONTROL: Front panel touch switches, IR remote control, RS-232, Ethernet; with OSD and front-panel LCD.

ADDITIONAL CONTROLS: Freeze, zoom, different selectable vertical refresh rates, ProcAmp control, output image scaling, Picture-In-Picture, text overlay, and aspect ratio change. VP-725DSA: independent volume control of each input and output. Volume, bass, treble, loudness and balance control of master audio output.

POWER CONSUMPTION: 100-240V AC, 50/60Hz, 50VA.

DIMENSIONS: 19" x 7" x 3U W, D, H.

INCLUDED ACCESSORIES: IR remote control, power cord, null-modem adapter.

