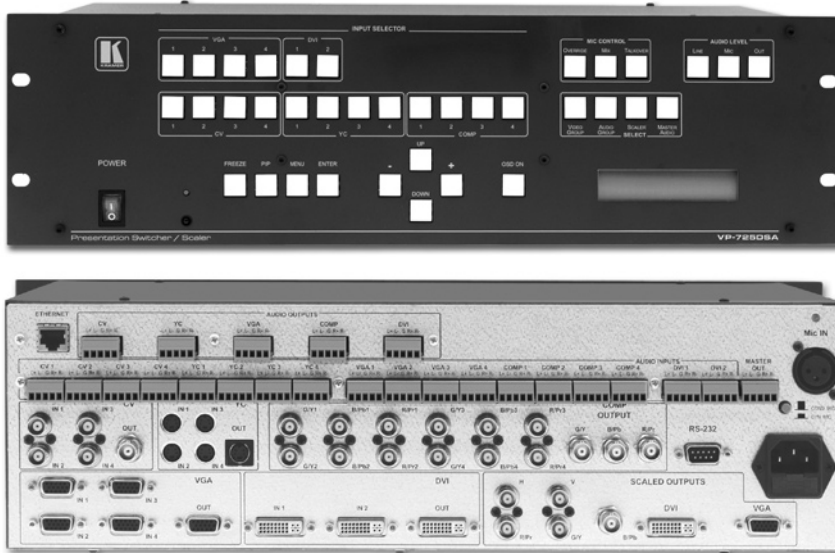


# VP-725DS/VP-725DSA

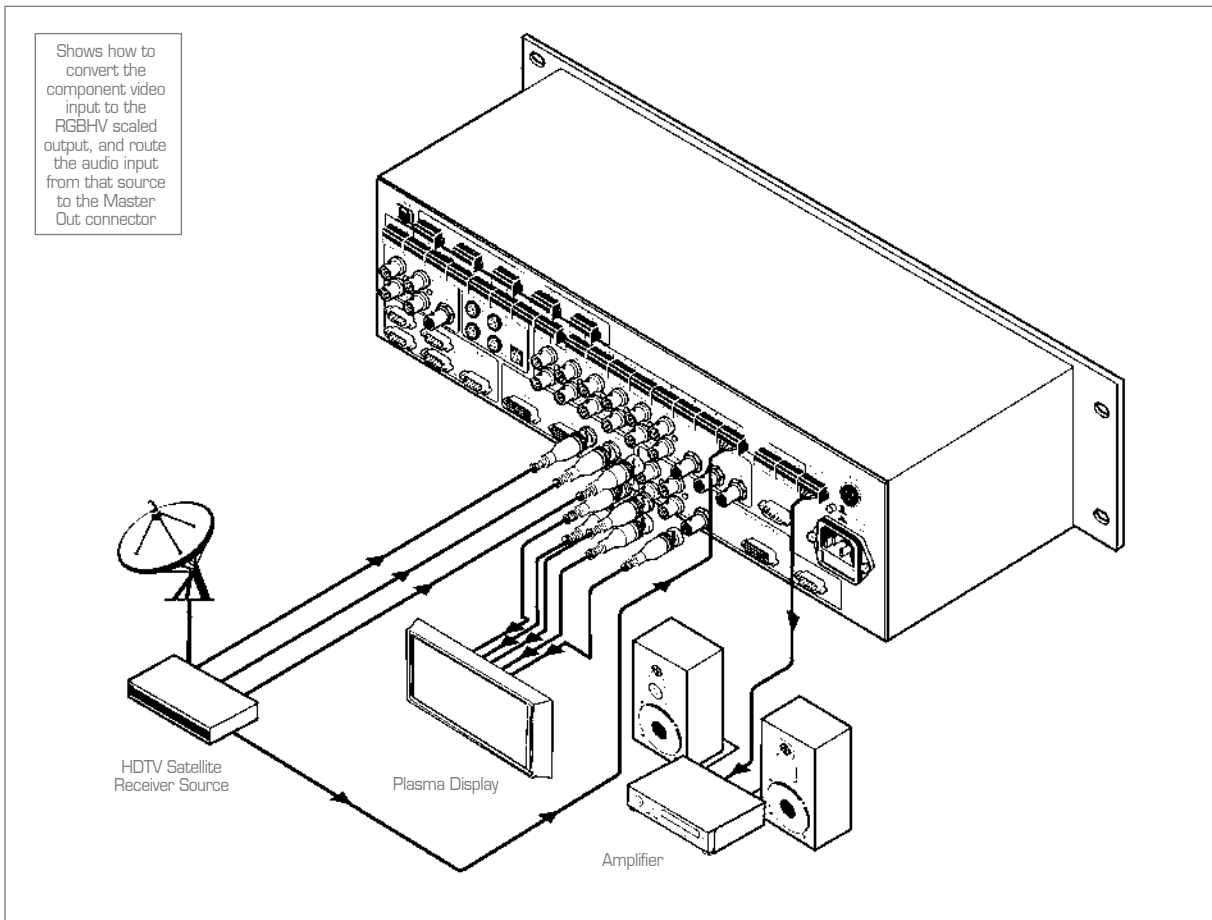
## ProScale™ Digital Scaler/Switcher



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



The **VP-725DS** and **VP-725DSA** are presentation scaler/switchers with multiple signal format sections with the **VP-725DSA** adding balanced stereo audio for each input. 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 on the three scaled output connectors comprised of an HD-15F connector, 5 BNC connectors and a DVI connector simultaneously.



## VP-725DS/VP-725DSA (con't)

### 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 (HD-15F), and a 2x1 DVI-D (on a DVH connector). One 18x1:3 scaled output.
- **Scaled Computer & HDTV Outputs** - A single output signal in 3 formats (HD-15, 3 BNCs, and DVI-D) simultaneously.
- **Multiple Computer Graphics Output Resolutions** - including a user-defined 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.
- **Audio (VP-725DSA)** - Balanced stereo audio inputs for all 18 inputs plus balanced stereo audio outputs for all 5 dedicated signal format outputs and one for the scaled output.
- **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 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.
- **Mic Input (VS-725DSA)** - Condenser or Dynamic with talk over, mix and override controls.
- **Front Panel Lockout.**
- **Freeze Frame.**
- **Audio Mute.**
- **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 x CV 1Vpp/75Ω on BNC connectors;<br>4 x YC 1Vpp (Y), 0.3Vpp (C)/75Ω on 4p connectors;<br>4 x Component (Y/G, Pb/B, Pr/R) on BNC connectors;<br>4 x VGA (VGA through UXGA) on HD15F connectors;<br>2 x DVI-D on DVH connectors.<br>VP-725DSA: 18 x balanced stereo audio on terminal block connectors, 22dBm; microphone on a female XLR connector.  |
| OUTPUTS:             | Group outputs: 1 x CV 1Vpp/75Ω on a BNC connector; 1 x YC 1Vpp (Y), 0.3Vpp (C)/75Ω on a 4p connector; 1 x Component (Y/G, Pb/B, Pr/R) on BNC connectors; 1 x VGA (VGA through UXGA) on an HD15F connector; 1 x DVI-D on a DVH connector.<br>Scaled outputs: 1x RGBHV (VGA format)/component HDTV on an HD15F connector; 1 x RGBHV / YPbPr on BNC connectors; 1 x DVI-D on a DVH connector.<br>VP-725DSA: 6 x balanced stereo audio on terminal block connectors, 22dBm. |
| OUTPUT RESOLUTIONS:  | VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200), 1024 x 852, 1024 x 1024, 1366 x 768, 1365 x 1024, 1280 x 720, 720 x 483, 852 x 480, 1400 x 1050, 480p, 720p, and 1080i, as well as a user definable output mode.   |
| 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 SOURCE:        | 100-240 VAC, 50/60Hz, 50VA  |
| DIMENSIONS:          | 19" (W), 9.3" (D), 3RU (H).   |
| ACCESSORIES:         | Power cord, IR remote control, null modem adapter   |

