

# VP-740 ScaleMagix

## PRESENTATION SCALER / SWITCHER



The VP-740 ProScale (industrial version) and the VP-740 ScaleMagix (consumer version) are 8-input scaler/switchers. They scale 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 provide glitch-free switching between sources through FTB™ (fade thru black) switching technology.

### DESCRIPTION

- 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 splitscreen mode (2 images side-by-side) is also available.
- VP-740 ScaleMagix™ Consumer version cabinet.
- 8 Video Inputs - 2 composite video, 2 s-Video (Y/C), 2 component video (RGBHV/YUV) on 5 BNCs, 1 HD-15F, and 1 DVI-D (on a DVI-I connector).
- Dual Output Connectors - 1 DVI-D (on a DVI-I connector) and 1 RGBHV/YUV (on 5 BNC's).
- HDTV Output Resolutions - 480p, 720P and 1080i in component format on 3 BNCs, and a DVI output connector simultaneously.
- 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 - 4x3 or 16x9, anamorphic, letter box, and user definable settings.
- HDTV Compatible Component Inputs.
- 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 Display.
- 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 - 1U.

### SPECIFICATIONS

INPUTS:	2 x CV on RCA connectors; 2 x YC on 4p connectors; 2 x RGBHV/YUV on RCA connectors; 1 x VGA/UXGA on an HD-15F connector; 1 x DVI-D (not HDCP compliant); 1x RS-232 on a DB-9 connector.
OUTPUTS:	1 x DVI-D (not HDCP compliant); 1 x RGBHV/YUV on BNC connectors.
SIGNAL FORMAT:	Video NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM. HDTV 480i/480p, 540p, 576i/576p, 720p, 1080i Graphics: VGA, SVGA, XGA, SXGA, UXGA, Mac, SUN.
SCANNING FREQUENCY:	Pixel Clock 170MHz. Horizontal 15.63 ~ 91kHz, auto/manual select. Vertical 50 ~ 100Hz, auto/manual select.
FEATURES:	Display Aspect Ratio 16:9, 4:3, Anamorphic, Letter Box, Film-mode Detection 3:2/2:2 Pull-Down Recovery; Y/C separation 3D Y/C Comb Filter; Picture-in-Picture Graphic-on-Video, Video-on-Graphic; Any size, Any location, Direct Swap; Image Parameters Factory-defined x 3 sets; User-definable x 3 sets per channel.
CONTROLS:	Front panel; OSD; IR Remote Control; RS-232.
POWER SOURCE:	Input Voltage 90 ~ 240Vac +/- 10%, 50/60Hz, 40VA.
DIMENSIONS:	VP-740: 48.2cm x 23.6cm x 4.4cm (19" x 9.3" x 1.72") W, D, H. VP-740 ScaleMagix™: 43.2cm x 27cm 7cm (17" x 10.63" x 2.76") W, D, H.
WEIGHT:	VP-740: 3.35kg. (7.4lbs) approx. VP-740 ScaleMagix™: 4.00kg. (8.8lbs) approx.
ACCESSORIES:	Power cord, IR remote control, null modem adapter.



