



## Video and s-Video Scaler and Presentation Switcher with RS-232 VP-722DS

The Kramer VP-722DS is an NTSC or PAL video to RGBHV (pixel) scaler that converts video and s-Video signals to three user-selectable pixel rates: VGA (640 x 480), SVGA (800 x 600) and XGA (1024 x 768) and acts as a 6-input presentation switcher (2-video; 4 RGBHV/VGA and 6 audio contacts). Integrated with adaptive film mode (3:2 pull-down detector provides clear and crisp de-interlacing video from 24Hz film), it offers significant enhancements when viewing movies on a large screen) and a digitally controlled Vertical Temporal filter (can remove jagged edges and other de-interlacing artifacts for video motion sequences). The VP-722DS is designed specifically to improve the quality of video by reducing chroma noise, digitally reprocess the signal to clean up mastering errors and regenerate the video at a higher line and pixel rate format so that it will provide native-resolution video for LCD, DLP and Plasma displays. Our automatic static picture detector (SPD) uses a simple field merging technique to perform de-interlacing and is designed to optimize performance and resolution for static images (i.e. document cameras) or scenes with very little or no motion. In addition, because the VP-722DS includes a built-in

presentation switcher, it is really two products in one and can be used as the single routing switcher for many board rooms, conference rooms and training rooms. Most small systems don't really have a need to switch more than six sources. Because the VP-722DS includes two video inputs, four computer inputs and six contacts to trigger a Kramer VS-16A stereo audio switcher (to allow for audio-follow video switching), the VP-722DS is a one-box solution to system routing in boardroom, conference room and training room installations. Only one VGA cable would then be needed from the VP-722DS to the projector in a ceiling to allow two video sources (i.e. a DVD player and a VCR) and four computer sources (i.e. 4 laptops or PCs) to be connected simultaneously to the projector - The simple routing solution.

The VP-722DS includes all the ProcAmp controls of the VP-721DS (i.e. color, hue, contrast, brightness, horizontal and vertical shift) and auto-save setting functions as well as front panel LED indication adjustments, RS-232 interface control and six back-panel contacts for triggering the Kramer VS-16A 6-input audio switcher (see page 2.36). The VP-722DS is housed in a 1U, rack-mountable metal enclosure.



### TECHNICAL SPECIFICATIONS

INPUTS:	Composite video on a single-BNC connector (PAL or NTSC). s-Video on a 4-pin mini din connector. Four 15-pin VGA-style inputs.
OUTPUTS:	VGA (640 x 480 line doubled), SVGA (800 x 600), and XGA (1024 x 768), 1RGBHV output on BNC connectors or VGA-style 15pin HD output (switch selectable).
RESOLUTION:	Video to VGA (640 x 480), SVGA (800 x 600) and XGA (1024 x 768) compatibility with 32-bit color sampling.
FREQUENCY:	Input: 15-17 kHz 50/60 Hz. Output: 31.5, 37 or 48KHz 60 Hz.
IMPEDANCE:	All 75 .
CONTROLS:	IR and RS 232.
DIMENSIONS:	48.2cm x 21 cm. x 4.5cm (19" x 8.25" x 1.75"), W, D, H. approx. (including rack ears).
POWER SOURCE:	100-240 Volt (50/60 Hz) supply with IEC power connector.
WEIGHT:	2.3kg. (5lbs.) approx.
ACCESSORIES:	Includes one 4' (1.2m) composite video cable, one 4' (1.2m) s-Video cable, one 4' (1.2m) VGA 15pin cable, user's manual and an IEC power cable.