VP-740/VP-740 ScaleMagix™
Presentation Scaler/Switcher

NEW

| VGA | RS-232 | RGBHV | YC | YUV | DVI | CV/YC/YUV/SDI | YUV |

HDTV COMPATIBLE
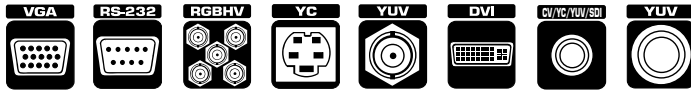
The **VP-740**—a high quality graphics and video digital scaler/switcher that scales any input format and resolution to a user-defined output resolution—is available in two versions: an industrial version, the **VP-740** Presentation Scaler/Switcher, and an elegant home version, the **VP-740 ScaleMagix™**. Both versions of the **VP-740** switch between the sources using FTB™ (Fade-Thru-Black) technology, outputting an extremely high quality image even from a low quality source, and feature 2 x CV, 2 x Y/C, 2 x YUV/RGBHV, 1 x VGA, 1 x DVI-D inputs, and RGBHV/YUV, and DVI outputs (not HDCP compliant). All popular graphics and HDTV output resolutions are supported. Aspect ratio and film-related enhancements make this the perfect companion to any Home Cinema set up. Our unique Kramer K-IIT™ image insertion technology gives a Picture-In-Picture facility for graphics-into-video and vice versa, as well as video-into-progressive scan component and vice versa. Both versions of the **VP-740** use a universal power supply: 100-240 VAC with automatic voltage selection, and also provide a rear panel 12VDC OUT power connector that can supply 500mA to any machine with a 12VDC power input. In addition, the unit has a front panel lock; support for firmware upgrade via RS-232; and a front panel LCD. Control is via the OSD front panel control buttons and/or remotely, from the infra-red remote control transmitter as well as via RS-232.

TECHNICAL SPECIFICATIONS

INPUTS:	2 x CV on RCAs; 2 x YC on 4p connectors; 2 x RGBHV/YUV on RCA connectors; 1 x VGA/UXGA on HD15F; 1 x DVI-D (not HDCP compliant); 1x RS-232 on DB-9.
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. Power Consumption 25W operation, 5W stand-by.
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 x 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:	IR Remote x 1, with 2 AA Batteries; Power cord, Cables.
UPGRADES:	F/W upgrade, user downloadable.

TYPICAL APPLICATIONS

• VP-740: Presentation, educational, industrial, points of sale, churches and other large audience applications.
• VP-740 ScaleMagix™: Home cinema central visual switcher.

KRAMER ELECTRONICS, Ltd

KRAMER