

# For Immediate Release

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## **Get Revved Up about the Hot Rod Series™ Digital Video Processors Models KD-VP750, KD-VP1250, & KD-VP2500**

**Mount Vernon, NY. Key Digital Systems, Inc. the Experts in Digital Video Technology and Solutions** is proud to introduce our exciting Hot Rod Series™ **KD-VP750, KD-VP1250, KD-VP2500** digital video processors. These video processors are designed especially for commercial and residential applications. As leaders in digital and analog video technology, Key Digital® produces a variety of video processors and scalars to provide format conversion solutions to installers for both residential and commercial A/V systems.

These processors are the newest additions to the popular **HD Hot Rod Series** of video products. Among their proprietary features are: video processing techniques using **Key Digital's** LHBC (Linear High Bandwidth Circuit) and SDS (Super Digital Scaling) circuits. These circuits allow de-interlacing and scaling of SD or HD, VGA/RGBHV resolutions, to Component and HDMI Video resolutions. The **KD-VP1250** has sophisticated hardware and software, allowing for superior interconnectivity of VGA/RGBHV and digital video sources without the typical connection glitches found when syncing your computer source with a display/projector. This connectivity enables the **KD-VP1250** to act as a universal distribution center for any SD, VGA/RGBHV resolutions to any Component or HDMI video resolutions. Additionally, the **KD-VP-750** and **KD-VP-1250** utilize the same programming language as many other award-winning Key Digital products which ensures versatility, ease of use, and swift installation. The **KD-VP750** and **KD-VP1250** eliminate the need for expensive additional equipment and deliver robust performance.

The **KD-VP750**, can up-convert all of your SD sources to Component /RGBHV formats to seamlessly incorporate them into your existing SD / HD switching or distribution equipment. Additionally, both the **KD-VP750 & KD-VP1250** allow for individual customization through an intuitive on-screen menu and easily navigable silk-screened buttons on the front panel to accommodate the installers' application. Commenting on **KD-VP750** and **KD-VP1250's** ease of use, Mike Tsinberg, President of Key Digital, stated, "The **KD-VP750** and **KD-VP1250** enables the installer to be proactive when constructing his installation since both of these video processors guarantee a fully functioning system when converting VGA to Component video resolutions." The incredibly robust **KD-VP2500** contains Key Digital's Clear Matrix Pro and SDS (Super Digital Scaling) circuits. These circuits allow de-interlacing and up converting from virtually any standard digital or analog source to the resolution of the video display used in a system and can scale up to 1080p HD. This accomplished video processor gives dealers and installers the best option for universal HD video distribution without sacrificing quality, performance, or reliability

The **KD-VP750, KD-VP1250, and KD-VP2500** allow for easy programming, simple operation, and flexibility due to control via optical IR, RS-232, and compatibility with all major control systems. "At Key Digital®, our products are built on an open platform which supports all major control systems enabling the **KD-VP750, KD-VP1250, and KD-VP2500** to handle almost any system design where format conversion is a factor." says Michael Lakhter, VP of Sales. "Key Digital values the demanding needs of today's commercial and residential A/V systems and takes great pride in the performance, flexibility, and user-friendly nature of all of our products."

## **KD-VP750**

Digital Video Processor and Scaler

### **Key Features:**

- Up-converts video input resolutions from 480i/576i and 480p/576p to 1080p to a single Component/RGBHV output with available resolutions from 480i to 1080p
- Supports most video formats to all standard HDTV outputs:
  - SD, HD and VESA (VGA, SXGA, WXGA) resolutions up to 1080p
- VGA Output accommodates Component Video format with supplied breakout cable
- On Screen Display menu allows access to all modes and settings through the supplied remote control

### **Key Benefits:**

- Universal Video Center consolidating multiple video formats to a single Component/YPrPb or VGA/RGBHV Video connection on display
- Frame rate conversion from 50Hz to 60Hz and from 60Hz to 50Hz
- Optical IR, front panel push buttons, On-Screen Display, Discrete Remote Codes, and RS-232 control.
- Supports all major control systems

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## **KD-VP1250**

Digital Video Processor, Switcher, Format/Standards Converter and Distribution Center capable of scaling HDMI, Component, VGA, Composite, and S-Video source to HDMI, Component, or VGA, as well as converts VGA Inputs to Component Outputs

### **Key Features:**

- Converts VGA Inputs to Component Outputs (Connects PC Desktop or Laptop to HDTV monitor)
- Scales VGA/RGBHV resolutions to Component Video Resolutions
- Up-converts / down-converts SD, HD, XGA, SXGA, and WXGA resolutions of analog and digital video inputs from 480i to 1080i to a single digital HDMI/DVI or Component/RGBHV output with available resolutions from 480i to 1080p
- Supports most video formats to all standard HDTV outputs:
  - SD, HD, and VESA (VGA, SXGA, WXGA) resolutions up to 1080p
- Converts: NTSC to PAL; HD-PAL to HDMI HD-NTSC
- Simple to operate with clearly labeled silk-screened buttons on top panel

### **Key Benefits:**

- Both Analog and HDMI Video outputs can be active simultaneously with VGA, Component or non-HDCP HDMI/DVI sources
- Frame rate conversion from 50Hz to 60Hz and from 60Hz to 50Hz
- Optical IR, front panel push buttons, On-Screen Display, Discrete Remote Codes, and RS-232 control.
- Supports all major control systems

## **KD-VP2500**

Digital Video Processor, Video/Audio Switcher and Universal Distribution Center

### **Key Features:**

- Accommodates 11 total digital and analog video input formats and connectors, including HDMI/DVI, VGA/RGBHV, Component, Composite and S-Video
- Up-converts / down-converts SD, HD, XGA, and WXGA resolutions of analog and digital video inputs from 480i to 1080i to a single digital HDMI/DVI or Component/RGBHV output with available resolutions from 480i to 1080p
- Supports most video formats to all standard HDTV outputs:
- SD, HD, and VESA (VGA, WXGA) resolutions up to 1080p (60Hz & 50Hz)
- Can assign any audio input to any video input with the ability to convert any audio input format to any audio output format (analog or digital)

### **Key Benefits:**

- Provides a one cable solution to the display and/or A/V receiver
- Both Analog and HDMI Video outputs can be active simultaneously, if no HDCP is present
- Becomes a media center switching up to 2 HDMI/DVI inputs, 3 Component, 1 VGA, 2 S-Video, 3 Composite inputs and scaling into 1 HDMI/DVI output and/or 1 Component/RGBHV output
- Serial IR, Optical IR, Front Panel with LCD, Discrete Remote Codes, and RS-232 control.
- Supports all major control systems

## Key Digital Industry Leadership



**Mike Tsinberg, Founder and President of Key Digital, is a holder of 40 HDTV patents.**

- “Father of DVD” - Developed architecture and system software for world first Digital Video Disk (DVD) MPEG2 based authoring system - key DVD enabling technology
- Participated with Emmy Award Winner for DVD technology development
- 2009 Inductee as one of the Top 200 Pioneers of HDTV by the Academy of DTV Pioneers (CEA)
- SMTPE Fellow

### **About Key Digital®**

Key Digital is a CES award-winning developer and manufacturer of leading-edge technology for HDTV applications, delivering total video systems solutions. The company manufactures a wide range of digital video processing and video signal distribution solutions marketed broadly to the HDTV community, such as digital video and audio processors, switchers, distribution amplifiers, cables, adapters, and more. For more information, visit us at [www.keydigital.com](http://www.keydigital.com).