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KEY DIGITAL SYSTEMS ANNOUNCES THE AVAILABILITY OF THE HD HANNA VIDEO PROCESSOR

Riverdale, NY– Key Digital Systems, Inc. (KEY DIGITAL SYSTEMS) is pleased to announce the availability of the HD Hanna Video Processor, an exciting new video integration box that combines a digital Set Top Box, video processor and video switcher with Firewire/5C and DVI-D digital connectivity.

The HD Hanna is a very versatile “integration box” solution with an all-in-one . Terrestrial HD tuner - ATSC/NTSC Set Top Box and Video Scaler functionality that receives, decodes, and scales the video program to match your display’s native resolution with a choice of nine different output resolutions. Additionally the HD Hanna becomes an important part of connecting a video system by introducing Firewire/5C and DVI-D, Toslink audio output, and HD Set-top Box functionality along with high-quality scaling all in one product.

The HD Hanna is the ideal solution when you need the Input/Output flexibility to decode off-the-air or Cable (RF) ATSC & NTSC, Firewire/5C, or select 480i baseband (YPbPr, CVBS Composite and S-Video) or 1080i baseband YPrPb (expansion card) input signals, and scale them to the native resolution of your display. Home Theater users will find that the HD Hanna will be the answer for integrating and using all their video products including: video decoding (including ATSC and NTSC); high-quality down-scaling to SD and simultaneous up-scaling to HD resolutions thereby creating two resolutions zones SD and HD from a HD or SD source; flexible I/O with all world formats accepted in composite and S-Video, and HD RGBHV and DVI-D/HDCP out; two IEEE 1394 Firewire I/O ports with 5C, capable of HDTV and SDTV; user-friendly on-screen-display, and a programmable IR remote with hot buttons, as well as working with all control systems. Firmware upgrades will be available over the Internet. The HD Hanna is rack mountable, easy to install, and has no fan noise. .

HD Hanna accepts all world formats at its inputs. Pristine picture quality is afforded by using Key Digital's unique technologies including:

- Clear Matrix Pro™ which de-interlaces incoming video, and converts incoming 480i or 1080i to 1080p as an intermediate format before conversion to display's native resolution.
- SDS™ (Super Digital Scaling) which delivers world-class scaling all-digital scaling by taking the video image from 1080p to the native resolution of the display with no artifacts attached to the video image.
- DEE™ (Digital Edge Enhancement) for lifelike images by enhancing both the horizontal and vertical part of the signal. DEE gives a sharper image, which in turn makes the movie viewing presentation significantly superior to other conventional processes. The result is a smoothness, beauty and color saturation that is film-like in its imaging.
- LHBC™ (Linear High Bandwidth Circuit) for crystal-clear video. LHBC™ circuits, use only ultra-linear components with an extremely wide bandwidth in excess of 300 MHz. These high-bandwidth devices, along with the aerospace designed layouts, assure the user a high quality video image free of noise and distortion. Our quality standards require over three-times the bandwidth commonly used for HDTV products.

Additionally features of the HD Hanna include the ability to deliver simultaneous HD (any 10 High Resolution output formats) and SD outputs (480i) for each output resolution, User-friendly on-screen-display, IR remote, and RS232C, compatible with Crestron and all control systems. For those applications using a HDMI inputs, optional plug-in cards will be available. HD Hanna scales to output formats of 1920 x 1080 interlaced and progressive, 1280 x 720, 1280 x 768, 1366 x 768, 1400 x 1050 progressive, 1920 x 540 progressive, and 720 x 480 interlaced and progressive; 60 Hz output refresh rate; and in/out aspect ratios of 16:9 and 4:3. HD Hanna also handles your audio requirements, with four analog (Left & Right stereo pairs) or digital PCM audio supported at the input. The audio output provides for analog (Left & Right stereo pairs), digital PCM audio, and Toslink optical audio.

The Key Digital System's HD Hanna will be available September, 2004 and has a Manufacture's Suggested Retail Price (MSRP) of \$2,499.

About Key Digital Systems

Key Digital Systems (KEY DIGITAL SYSTEMS) has emerged as a CES award-winning developer of leading-edge technology supporting HDTV custom installers, consumers, home theater retailers, corporations, and broadcasters. Founded in 2000 by HDTV industry pioneer Mike Tsinberg, KEY DIGITAL SYSTEMS has established itself as a company uniquely capable of identifying and creating product solutions that enable seemingly incompatible products to work together. The company manufactures a wide range of engineering solutions in the area of digital video processing and distribution, marketed broadly to the HDTV community. Key Digital System's wide range of products includes Scalers, Switchers, Distribution Amplifiers, and Video Adapters/Transcoders, which effectively and economically link HDTV components, manufactured to diverging specifications.

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