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Knowledge is Power

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**KEY DIGITAL SYSTEMS OFFERS WORLD'S SMALLEST
VIDEO ADAPTERS FOR SUPERIOR CROSS-PLATFORM HDTV OUTPUT**



ClearVideo3 (Model KD-CTCA3): Component Video to VGA Adapter

Component Video (YPrPb) input to VGA Video (RGBHV) output Video Adapter with added features of Component Video loop-through, auto-sensing VGA-In to VGA-Out pass-through when Component Video is inactive, and sync format selections



ClearColor3 (Model KD-VTCA3): VGA to Component Video Adapter

VGA Video (RGBHV) Input to Component Video (YPrPb) Output and active VGA loop-through Video Adapter, with SCART compatibility

Riverdale, NY (August 5, 2003) – **KEY DIGITAL SYSTEMS, Inc. (KDS)** is launching its next-generation Component Video to VGA, and VGA to Component Video, Video Adapters. The **KD-CTCA3 ClearVideo3**, based on the CES Innovation 2002 Award-winning CTCA2, is the world's smallest video adapter on the market to “glue” your Component Video (YPrPb) devices to VGA monitors and projectors. The **KD-VTCA3 ClearColor3** is the world's smallest adapter on the market to “glue” your VGA (RGBHV) devices to Component Video (YPrPb) HDTV monitors.

Key Digital Launches World's Smallest Video Adapters

Why do you need a Video Adapter?

The video industry has produced many different products to process, switch, and distribute your video. In many instances, the video input or output formats of these products are not compatible. For example, you may have an application where you would like your video game with Component Video (YPrPb) out to drive your VGA (RGBHV) display. Or, you may have an application where you would like your VGA-out (RGBHV) HDTV Set Top Box or personal computer to drive your Component Video (YPrPb) display.

What do you do? One less-palatable option is to purchase all new equipment that is totally compatible, which is a significant investment and limits you for the future to ever consider equipment which does not conform to the standard you purchased. At Key Digital Systems, we have a better solution for you. We have designed economical, high-quality video adapters, which “glue” your components which may have been designed to diverging standards:

- **KD-CTCA3 ClearVideo3:** *Component Video (YPrPb) to VGA adapter, and more*
- **KD-VTCA3 ClearColor3:** *VGA to Component Video adapter, and more*

ClearVideo3 by **KDS** is the ideal choice to drive your VGA displays from Component Video sources like your progressive DVD player, video game (like Xbox™, PlayStation2™, and Game Cube), or HDTV Set Top Boxes. **ClearVideo3** works with most video formats, like 480p, 720p, 1080i/540p, NTSC, PAL, interlaced or progressive (however, note that to drive VGA monitors, the source video format must be above a 31 kHz scanning rate, so a typical VGA monitor will NOT display formats like 480i/60 and 576i/50 that are in the range of 15.7 kHz). With your KDS cost-effective **ClearVideo3** product, you get crystal-clear processing and you can actually drive two VGA monitors from each unit, with cable lengths up to 50 feet.

ClearColor3 by **KDS** is the ideal choice to drive your Component Video displays from VGA sources like your HDTV Set Top Box or personal computer (PC). **ClearColor3** works with HDTV RCA® Set Top Boxes, HD monitors like Panasonic® and Sony®, and all video formats -- 480p, 720p, 1080i/540p, NTSC, PAL, interlaced or progressive. With **ClearColor3**, there is also SCART compatibility, and a VGA loop-through permits you to simultaneously drive a VGA and Component Video monitor. With your cost-effective KDS **ClearColor3** product, you get crystal-clear processing and you can drive monitors with cable lengths up to 50 feet.

Key Digital Launches World's Smallest Video Adapters

KDS: A Leading Developer of HDTV "Glue" Products

Key Digital Systems is a New York-based manufacturer of engineering solutions for HDTV equipment, founded by Emmy-award winning industry veteran Mike Tsinberg. The company offers niche solutions to consumer electronics manufacturers like Pioneer, developing "glue" products that enable consumer electronics products across the marketplace to "talk" to each other – even though they are built to different technical standards. These products include digital switchers, digital scalers, distribution amplifiers, video adapters, and cables, and are particularly valuable for home theater aficionados who rely on an array of branded analog and digital HDTV equipment, much of which is built to its own proprietary specifications. Key Digital Systems is able to seamlessly link the elements of any home theater system, scaling and smoothing the digital signals and ultimately delivering the best -possible signal to plasma displays. Engineered to bridge the gap between manufacturers, Key Digital Systems' new video adapters give consumers a choice between best-in-class products.

Product Availability and Pricing

Key Digital's new video adapters will ship **Summer 2003**, and come with a 2-year limited parts and labor warranty. Pricing is as follows:

- **ClearVideo3 (KD-CTCA3)** Component Video to VGA Adapter: MSRP **\$XXXX**
- **ClearColor3 (KD-VTCA3)** VGA to Component Video Adapter: MSRP **\$XXXX**

About Key Digital Systems

Key Digital Systems (KDS) 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, KDS has established itself as a company uniquely capable of identifying and creating "glue" products that enable seemingly incompatible products to work together. The company manufactures a wide range of engineering solutions in the area of digital signal processing and distribution, marketed as "glue" products to the HDTV community. Key Digital System's wide range of products includes Scalers, Switchers, Distribution Amplifiers, and Video Adapters which effectively and economically link HDTV components manufactured to diverging specifications. By uniquely enabling non-compatible equipment to "talk" to each other, Key Digital Systems has established itself as an intelligent resource in the evolving HDTV marketplace. Products by Key Digital Systems are available nationwide in leading retail outlets as well as via an extensive dealer network. For

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more information please visit the corporate website at www.keydigital.com. For trade press, visit <http://www.keydigital.com/tradepress.htm>.

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