

For Immediate Release

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Key Digital® Invites 2010 CEDIA EXPO Attendees to Booth Tours and Introduction of New Product Releases

Mount Vernon, NY. Key Digital Systems, Inc. the Experts in Digital Video Technology and Solutions, have issued an invitation to all Systems Integrators and Contractors, Consultants, Dealers and Sales personnel from the Residential A/V Market to a personal tour of the Key Digital booth at **CEDIA EXPO 2010** from September 23-26 in Atlanta, GA. You will be introduced to the newest additions in the Key Digital Product line, and have an opportunity to meet industry pioneer and holder of 40 HDTV patents, Mike Tsinberg. All are invited to join the festivities which will take place only at the Key Digital Booth, **Booth # 4125**

New products to be showcased at CEDIA 2010:

KD-HDMS4X4

Key Digital Hercules Series™ KD-HDMS4X4 is a HDMI Matrix Switcher capable of switching up to 4 HDMI/DVI Video Sources/Inputs to 4 independent Zones/Outputs via HDMI and CAT5. It also features a card slot foundation providing flexible Input/Output configurations.

Key Features:

- Full switching of 6 independent matrixes: Video, Analog Audio, Digital Audio, HDMI Audio, Bi-Directional IR, and Bi-Directional RS-232 Control Possible 1X7, 2X6, 3X5, 4X4, 5X3, 6X2, or 7X1 configurations using interchangeable card slot option
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz):
 - SD & HD: 480i, 480p, 720p, 1080i, 1080p
 - VESA / RGBHV: From 640x480p up to 1920x1200p
- Full support for HDCP, HDMI 1.3a/b, 12-bit Deep Color
- Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

- Internal EDID Library features 6 default EDID configurations, in addition to Native EDID data for any Output/Display

Key Benefits:

- Transmits 1080p/60Hz up to 150 ft, 1080i and all lesser resolutions transmitted up to 270 ft, when used with KD-HDBBRX receiver Baluns
- Video, Audio, IR and RS-232 distribution via a single CAT5 cable
- Fully automatic CAT5 cable equalization 8 active outputs (4 HDMI/DVI and 4 CAT5) enables flexible integration
- Full Audio control per output for volume, treble, bass, balance, and lip-sync
- Serial IR, Optical IR, Front Panel, Discrete Remote Codes, & RS-232 control.
- Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, lifelware™, RTI®, Savant, Universal®, Xantech®

KD-BBTX / RX

HDMI/DVI Video, Analog & Digital Audio Smart Balun™
with Control over single CAT5/6/7 Transmitter / Receiver

Key Features:

- Extends HDMI or DVI Video, L/R Analog, or PCM Digital Audio, IR and RS-232 over a single CAT5/6/7 cable
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)
- SD & HD: 480i, 480p, 720p, 1080i, 1080p VESA / VGA (RGBHV): From 640x480p up to 1920x1200p
- Full support for HDCP, HDMI 1.3a/b, Deep Color (12 bits/color) Video
- Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)
- Bi-Directional and Simultaneous IR and RS-232
- Audio Toggle Switch for Analog / Digital Audio Selection

Key Benefits:

- Transmits (KD-BBTX) and receives (KD-BBRX) HDMI Video, HDMI Audio, Digital or Analog Audio, IR and RS-232 over a single CAT5/6/7 cable
- 1080p/60 signals up to 150 feet, 1080p/24 signals up to 250 feet over a single CAT5/6/7 cable
- Compatible with KD-HDMS4X4, 4 Inputs to 4 Outputs HDMI Matrix Switcher
- Compatible with all video resolutions
- Allows extension of HDMI signals distances that standard HDMI cables cannot achieve
- Enables the use of less expensive CAT5/6/7 cabling for HDMI/DVI signal distribution

KD-VP1250

Digital Video Processor, Switcher, and Distribution Center capable of scaling HDMI, Component, VGA, Composite, and S-Video source to HDMI, Component, or VGA output at 1080i.

Key Features:

- VGA Inputs and Outputs accommodate Component Video format with supplied breakout cable
- 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

Key Benefits:

- Both Analog and HDMI Video outputs can be active simultaneously with VGA, Component, DVI, or non-HDCP HDMI source
- Frame rate conversion from 50Hz to 60Hz and from 60Hz to 50Hz
- Optical IR, Top panel push buttons, On-Screen Display, Discrete Remote Codes, and RS-232 control.
- Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, lifelware™, RTI®, Savant, Universal®, Xantech®

KD-VP750

Digital Video Processor and Switcher capable of scaling 480i standard definition and 480p High Definition Component, Composite and S-Video sources to Component or VGA output at 1080i.

Key Features:

- VGA Output accommodate Component Video format with supplied breakout cable
- Up-converts 480i and 480p resolution video inputs to 1080i to a single Component/RGBHV output with available resolutions from 480i to 1080i
- Supports most video formats to all standard HDTV outputs: SD, HD, and VESA (VGA, SXGA, WXGA) resolutions up to 1080i and 1360x768p

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, Top panel push buttons, On-Screen Display, Discrete Remote Codes, and RS-232 control.
- Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, lifelware™, RTI®, Savant, Universal®, Xantech®

KD-HDSW2x1, 3x1 & 4x1

Phantom Series HDMI switch offering 2, 3, or 4 inputs to 1 output. Advanced EDID management settings control HDCP for faster switching and 3D ready. Control via IR and RS232.

Key Features:

- Digital switching of 2 HDMI inputs to 1 HDMI output
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz):
 - **SD & HD:** 480i, 480p, 720p, 1080i, 1080p
 - **VESA / RGBHV:** From 640x480p up to 1920x1200p
- EDID Control featuring internal library of 4 Default HDMI Handshakes
- Automatic sensing of signal presence and switching to active input

Key Benefits:

- Addressable units to support up to 100 units per system
- Default EDID for 1080i or 1080P systems (EDID Control™)
- Full support for HDMI® with HDCP, Deep Color (12 bits/color) Video
- Supports lossless compressed digital audio
 - Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio
- Pushbutton, IR Sensor, Serial IR, and RS-232 control.
- Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, lifelware™, RTI®, Savant, Universal®, Xantech®

KD-HDDA 1x2, 1x3, 1x4 & 1x8

Phantom Series HDMI distribution amplifier offering 2, 3, 4 or 8 outputs from 1 input allows multiple displays from a single source component. Advanced EDID management settings control HDCP and 3D ready.

Key Features:

- Distributes 1 HDMI / DVI source to 2 HDMI/DVI outputs
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz):
 - **SD & HD:** 480i, 480p, 720p, 1080i, 1080p
 - **VESA / RGBHV:** From 640x480p up to 1920x1200p
- EDID Control featuring internal library of 4 Default HDMI Handshakes
- Automatic sensing of signal presence and switching to active input

Key Benefits:

- Can be cascaded to support up to 64 outputs or displays
- Default EDID for 1080i or 1080P systems (EDID Control™)
- Full support for HDMI® with HDCP, Deep Color (12 bits/color) Video
- Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

Industry Leadership



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

- SMPTE fellow
- Participated with Emmy Award Winner for DVD technology development
- "Father of DVD" - Developed architecture and system software for world first Digital Video Disk (DVD) MPEG2 based authoring system - key DVD enabling technology

Key Digital[®] Systems 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.