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For Immediate RELEASE

Key Digital® Invites ISE 2017 Attendees to Booth Tours, Introduction of New Product Releases

Mount Vernon, NY. Key Digital, Inc. – January 20, 2017 – Key Digital® is extending an exclusive invitation to all Pro A/V integrators, system integrators, contractors, consultants, and sales personnel to a personal tour of the totally redesigned Key Digital® booth at ISE 2017! Come see our newest additions to the Key Digital product portfolio. Key Digital® welcomes all ISE 2017 attendees to join our staff at the Key Digital Booth, Booth 5-S113 at the RAI Amsterdam, Netherlands from February 7th – 10th.

New products to be showcased at ISE 2017:

ISE 2017 Product Preview/New Product Releases

All products sold are now backed with a 10-Year warranty**HDMI Over IP System: “Enterprise AV”**[KD-IP120Tx](#), [KD-IP120Rx](#), [KD-IP120POETx](#), [KD-IP120POERx](#)

- KD-IP120POE Tx and Rx have Power over Ethernet.
- Expandable HDMI over IP system where video inputs and video outputs may be scaled to fit any installation. Add up to 1024 Tx units and an unlimited amount of Rx units for the ultimate custom video solution.
- **HDMI Pass-through:** Tx unit supports HDMI Pass-through to receive video or extract audio on the transmit side
- **Custom System:** Add Tx and Rx extenders to an existing system to expand it up to 1024 Tx units and an unlimited amount of RX units
- **Resolution Support:** Supports up to 1080p@60 (2.25Gbps) and compatible with DVI1.0/HDMI1.3b/HDCP1.x

Video Wall Processors:

[KD-VW4x4Pro](#)

- 4 Inputs to 4 Outputs Video Wall Processor, Supports Seamless Matrix Switching
- **HDMI Matrix Switching:** 4 HDMI/Analog sources to 4 HDMI outputs, independent when in matrix mode
- **Seamless Switching:** Un-interrupted screen transitions during source selections
- **Resolution Support:** Supports SD, HD, and VESA input resolutions up to 1080p / 1920x1200 on HDMI and analog video Inputs

Multiview Video Processor:

[KD-MLV4x2](#)

- 4 Inputs to 2 Outputs MultiView Seamless Matrix Switcher, supports Ultra HD/4K
- **HDMI Matrix Switching:** 4 HDMI/Analog sources to 2 HDMI outputs, independent in full-screen and quadrant modes
- **Seamless Switching:** Un-interrupted screen transitions during source selections in full-screen mode or multi-view modes
- **Resolution Support:** Supports SD, HD, and VESA input resolutions up to 1080p / 1920x1200 on HDMI and analog video Inputs
- **Ultra HD/4K Up-scaling:** Outputs independently upscale to Ultra HD/4K in 4K Quadrant mode

UHD/4K HDBaseT Matrix Switchers:

[KD-Pro6x6CC](#) and [KD-Pro8x8CC](#):

- HDBaseT® ProCC HDMI Matrix Switchers capable of switching up to 6/8 HDMI Video Sources/Inputs to up to 6/8 Independent Zones/Outputs via Single CAT5e/6.
- **Transmits:**
 - 1080p/60, 1080p/24, 1080i, 720p signals up to 210 ft.
 - 4k/Ultra HD signals up to 120 ft. when used with [KD-XSWRx](#) Rx Receiver extenders and approved Key Digital CAT5e/6 cabling.
 - Compatible with third-party CAT5e/6 with lesser distance performance.
- **Resolution Support:**
 - Supports all SD, HD, and VESA resolutions up to 1080p (60Hz & 50Hz), UHD/4K.
- Features both HDMI and CAT5e/6 (HDBaseT) outputs, both are active simultaneously: 12/16 active outputs (6/8 HDMI/DVI and 6/8 CA T5e/6) enable flexible integration.
- HDMI® and HDCP Licensing: Fully licensed and compatible with HDCP 2.2 and HDMI latest technology such as UHD/4K 4:2:0/8bit at 60f/s
- Includes 3/4 [KD-XSWRx](#) Rx Receiver Extenders (also available for a la carte purchase)

HDMI Booster/Audio De-embedding:

[KD-HDFIX22](#) - HDMI Extender, Booster & Buffer of EDID with built-in Audio De-Embedder of Digital Coaxial & Analog L/R, supports HDCP 2.2, TMDS, HPD, UHD/4K

- **Extension:** Capable of extending UHD/4K and 1080p resolution up to 75 ft. / 23 m. in and 75 ft. / 23 m. out (150 ft. / 46 m. total)
- **HDMI Correction:** Resolves common HDMI integration obstacles such as HDCP, EDID, HPD, and audio breakout
- **Resolution Support:** Supports all SD, HD, and VESA resolutions up to UHD/4K, 3D and 1080p/60 (60Hz & 50Hz)
- **UHD/4K:** Support for 4096x2160 or 3840x2160 24/25/30Hz at 4:4:4 or 60Hz at 4:2:0.

HDBaseT/HDMI Extenders

[KD-X222](#)

HDBaseT/HDMI via Single CAT5e/6 (Tx + Rx Set) Extenders with HDR10, HDCP2.2, 4K

- **HDBaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- **4K/Ultra HD Resolution:** Support for 4096x2160 or 3840x2160 24/25/30Hz at 4:4:4/8 Bit or 60Hz at 4:2:0/8 Bit
- **EDID Control:** Internal library features 15 default EDID configurations and native EDID data from Output/Display devices connected via Rx
- **Up/Down IR:** Two channels of IR enable control to/from devices connected to Tx and Rx units
- **RS-232:** Bi-Directional control to/from Tx and Rx unit on Phoenix connector
- **Rotary Switch RS-232 Control Mode:** Provides control of Tx unit as well as connectivity status

[KD-X222PO](#)

Power over HDBaseT/HDMI via Single CAT5e/6 (Tx + Rx Set) Extenders with HDR10, HDCP2.2, 4K

- **HDBaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **HDCP 2.2:** Compliancy up to HDCP 2.2 and backward compliant
- **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- **HDMI® and HDCP Licensing:** Fully licensed and compatible with HDCP 2.2 and HDMI latest technology such as 4K/UHD 4:2:0/8bit at 60f/s
- **EDID Control:** Internal library features 15 default EDID configurations and native EDID data from Output/Display devices connected via Rx
- **Up/Down IR:** Two channels of IR enable control to/from devices connected to Tx and Rx units
- **Control System Support:** Fully controllable by all RS-232 supported control systems via open API: Compass Control®, AMX®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.

KD-X422POA

Power over HDBaseT/HDMI via Single CAT5e/6 (Tx + Rx Set) Extenders with Audio De-Embedding, HDR10, HDCP2.2, 4K

- **HDBaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **Power Over HDBaseT:** Features power extension from Tx to Rx with Power Over HDBaseT, Rx unit does not require power supply
- **Audio De-Embedding:** Audio from the HDMI input is de-embedded through Analog L/R Balanced/Unbalanced and Digital Coaxial Audio (PCM) audio outputs to enable external audio connectivity with audio distribution systems and amplifiers
- **HDMI® and HDCP Licensing:** Fully licensed and compatible with HDCP 2.2 and HDMI latest technology such as 4K/UHD 4:2:0/8bit at 60f/s
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication with source & display, EDID Control handshake, and Hot Plug control
- **IR Sensor:** Sensor powering via +5V on Tx unit's IR In port collects line-of-sight IR from remote(s) without external IR connecting block
- **RS-232:** Bi-Directional control to/from Tx and Rx unit on Phoenix connector
- **I2C Communication:** EDID and HDCP authentication to Display and Source

For more information on how Key Digital® is revolutionizing digital video transmission, visit

<http://www.keydigital.com>. Key Digital® will be exhibiting at [ISE 2017](#). For more information [click here](#) or visit us at Booth 5—S113.

Compass Control®:

[Compass Control®](#) is a fully integrated control system designed to use iOS and Android devices as its backbone.

Key Digital® in conjunction with Compass Control's [Compass Alliance Partners \(CAP\)](#) has created a fully integrated control system with driver support for hardware from the following brands: Aprilaire, Boston Acoustics®, ClearOne®, Denon, Furman, ICR realtime Security Solutions®, iPort®, Roku®, LG, Lutron®, Luxul, Marantz®, Nest™, MechoSystems, VidaBox, Kaleidescape, Onkyo®, Panamax, Russound®, SurgeX, Wolfvision®, and many more. Combining the knowledge and expertise from the different CAP brands has allowed Compass Control® to develop into a complete turnkey residential or commercial control solution.

[Compass Control®](#) is currently comprised of the new Compass Control® Master Controller ([KD-MC1000](#)). When this element are combined with the Compass Control® App – currently available in the App Store on iTunes – any installation is now given complete control over audio, video, HVAC, lighting, shades, and security. [Compass Control®](#) has the ability to control devices via RS-232, IR, or via TCP/IP. This control system provides installers with IR, two-way RS-232 with feedback, and two-way

TCP/IP control for unlimited flexibility and maximum compatibility with new or existing devices. Compass Control® also provides control via relays and sensors demonstrating its nature as a powerful integration tool.

For more information on [Compass Control®](#) please visit <http://keydigital.com/compass> or our CAP partners click [here](#).

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 by HDTV by the Academy of DTV Pioneers (CEA) - Top 200 Pioneers
- SMTPE Fellow
- Adele De Berri Pioneers Award winner at InfoComm 2013

About Key Digital®

Key Digital® is an award winning (CES, CEDIA, InfoComm, NAHB) 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 as well as control systems marketed broadly to the HDTV community, such as digital video and audio processors, switchers, distribution amplifiers, cables, adapters, and more. For more information, visit our webpage at <http://www.keydigital.com>.

