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**New Key Digital Wall-Plate Adds VGA Connectivity**

KD-X3x1WUTx offers complete audio, video, and control solution

**MOUNT VERNON, NY – September 10, 2020** – Key Digital, the leaders in digital video and control systems, introduces the new KD-X3x1WUTx HDBaseT wall-plate transmitter, universal presentation switcher, and soft-codec enabling interface with one HDMI, one display port, and one VGA with analog audio input as well as USB-A, USB-B, and LAN connectivity. Joining Key Digital’s comprehensive family of [Presentation Solutions](https://keydigital.org/category/presentation-solutions), the KD-X3x1WUTx is ideal for professional video installations in conference rooms, classrooms, lecture halls, auditoriums, and more.

KD-X3x1WUTx is natively received by Key Digital’s [KD-UPS52U](https://keydigital.org/category/presentation-switchers/KD-UPS52U) Presentation Switcher or [KD-X100MRx](https://keydigital.org/category/4k-18g-hdbt-poh-receivers-/KD-X100MRx) black box HDBaseT Rx. The KD-X3x1WUTx and both Rx options feature audio de-embedding for ease of integration with audio systems.

Optimal integration for KD-X3x1WUTx is achieved by terminating the wall-plate with KD-UPS52U universal presentation switcher. This presentation solution accommodates presenter and AV source connectivity of varying connection types at both the wall-plate and the presentation switcher. KD-UPS52U includes KD-X100MRx black box receiver, so that this integrated system utilizes HDBaseT from the wall-plate in and out of the presentation switch to the receive unit at the display up to 100m away.

KD-UPS52U also features USB device and host connectivity for soft video conference enabling systems when adding [KD-CAMUSB](https://keydigital.org/category/presentation-solutions-accessories/KD-CAMUSB) and third-party USB microphone speaker combos or audio DSP. The USB ports may alternatively be used for keyboard, mouse, or touchscreen display with connected computer.

Point-to-point extension is achieved by integrating KD-X3x1WUTx with KD-X100MRx black box HDBaseT Rx. The resultant systems have a variety of video plug-in options and ease of integration with audio systems. Power, volume, and muting buttons on the wall-plate enable users to easily control the display or monitor connected to the Rx unit. With LAN connectivity at the Tx or Rx unit, the KD-X3x1WUTx system can be scanned and detected with Key Digital’s free KD-App for switching video source selection and CEC management of the display/projector.

KD-X3x1WUTx features Key Digital’s proprietary CEC Manager™ technology. When received directly by KD-X100MRx, the connected display can control discreet power on or off, incremental volume control, and mute toggle. When received by KD-UPS52U, up to two connected displays can be controlled and the user may manage the intended recipient of the HDMI CEC signals. KD-UPS52U includes Key Digital’s KD-RMPS remote for presentation systems which feature CEC manager controls for a complete audio, video, and control solution without additional IR or RS-232 wiring.

Additional Key Digital Presentation Switchers also support integration with KD-X3x1WUTx.

KD-X3x1WUTx is HDCP 2.2 compliant and supports 4K/UHD 24/25/30/60 (4:4:4) resolutions with up to 18Gbps bandwidth. 4K/UHD signals are extended up to 100m (328ft) and 1080p up to 150m (492ft) via single CAT5e/6 cable. In addition to AV signals, KD-X3x1WUTx extends USB 2.0, IR, and RS-232 for controlling remotely located equipment. The wall-plate unit fits in a standard US three-gang box and is powered by the Rx unit or presentation switcher for convenient installation.

Auto-Switching on the KD-X3x1WUTx features automatic selection of newly detected sources and switching from newly disconnected sources via Hot Plug Detection voltage when enabled.

KD-X3x1WUTx converts VGA video and analog audio to HDMI and features video scaling of aspect ratio, resolution set, image size, image position, image phase, and color tone processing of VGA signals ensuring proper display.

This wall-plate is HDR10 (High Dynamic Range) and Dolby Vision capable allowing for pristine image quality through a greater range of luminance levels. Deep Color is supported with ranges up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:2:2/12 bit. Supported lossless compressed digital audio formats include Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™.

The KD-X3x1WUTx uses advanced EDID controls, and comes with a built-in internal library with 15 EDID handshakes including 4K with HDR in addition to native EDID data copied from the Rx display/device. KD-X3x1WUTx features unique EDID handshakes provided to the VGA source and the HDMI source. Key Digital’s proprietary Full Buffer System manages TMDS re-clocking / signal re-generation, HDCP authentication to source and display, EDID control handshake, and Hot Plug Detection Voltage.

The KD-X3x1WUTx supports full bi-directional RS-232 control pass-thru to and from the Tx and Rx/presentation switch unit and is fully controllable by all TCP/IP supported control systems via open API including Compass Control® Pro and third-party control systems. The wall-plate collects line-of-sight IR from remote(s) without external IR wiring.

KD-X3x1WUTx features unit control via USB for initial installation steps and complete configuration using Key Digital Management Software Pro ([KDMS Pro](https://keydigital.org/category/key-digital-management-software---pc/Key%20Digital%20Management%20Software%20Pro%20-%20KDMS%20Pro)).

**About Key Digital®**

Led by the “Father of DVD”, Mike Tsinberg, Key Digital® is an InfoComm, CEDIA, CES, and NAHB award winning manufacturer of professional distributed video and control system equipment.

Since 1999, Key Digital has led the constantly evolving AV industry by designing products that deliver industry leading quality, performance, and reliability to corporate, bar & restaurant, digital signage, education, government, and house of worship applications.

Key Digital products are designed and engineered in-house in Mount Vernon, NY.  Superior quality, ease-of-installation, and versatility are the result of strenuous research, development, and testing. Expertise and unparalleled knowledge have created a unique hardware-software suite solution ideal for the consultants, designers, and installation firms of the A/V industry. Key Digital® is known to deliver best-in-class products based on quality, performance, and reliability.

For more information, visit our webpage at <http://www.keydigital.com>.