Key digital®

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Key Digital Expands Presentation Solutions Product Category

The versatile KD-PS22UTx offers conference table installation as well as ARC support

MOUNT VERNON, NY – March 30, 2020 – Key Digital, the leaders in digital video and control systems, introduces the new KD-PS22UTx HDBaseT transmitter, presentation switcher, and soft-codec enabling interface ideal for professional installations utilizing the table cabling conduits in conference rooms, board rooms, huddle spaces, lecture halls, auditoriums, and more.

For ease of design and installation, the KD-PS22UTx is natively received by the *KD-UPS52U* presentation switcher or the *KD-X100MRx* black box HDBaseT Rx, joining a full complement of presentation-focused products from Key Digital.

When integrated with KD-UPS52U, KD-PS22UTx adds two additional inputs to an already loaded universal presentation switching solution, allowing systems to have sources located at conference room tables and remote locations as well as in equipment racks. When integrated directly with KD-X100MRx, KD-PS22UTx becomes more than a discreet plug-in for presentation solutions mounted under the conference room table. This combination delivers ARC (Audio Return Channel) support for integration with smart TV applications enabling content streamed by the display to be returned to ARC supported surround audio receivers.

At its core, KD-PS22UTx provides two HDMI inputs ideal for front of table and rear of table plug-in options for localized presentation and auto switching between the two sources. USB 2.0 connectivity supported throughout the system creates a soft-codec enabling system for any connected laptop to professionally host video conferences or remote learning sessions with the assistance of Key Digital's PTZ camera, KD-CAMUSB.

The KD-PS22UTx boasts two HDMI inputs, two USB-A connections, one USB-B connection, LAN, audio de-embed, IR, RS-232, IP control, and is powered over HDBaseT from its receiver. It also includes a local pass-through output for an additional display. As a soft-codec enabling system, KD-PS22UTx creates a connectivity hub for professional USB cameras and microphones, audio DSP, keyboard, mouse, or touchscreen display with connected computer.

KD-PS22UTx 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-PS22UTx extends USB 2.0, IR, RS-232, and LAN for controlling remotely located equipment.

Key Digital's HDR10 delivery is handled as part of their proprietary Full-Buffer Technology (FBT) which manages TMDS re-clocking / signal re-generation, HDCP authentication with source & display, EDID Control handshake, and Hot Plug Detection control on both the source and display. Integrators have the choice of handshake delivered to the connected video source. Key Digital boasts an internal library with 16 EDID handshakes including an update to 4K handshakes which includes HDR Header information. Additionally, the native EDID data from the connected Output/Display device may be provided to the video source.

In addition to joining Key Digital's suite of app-ready products using the free KD-App, the KD-PS22UTx also supports Key Digital Management Software™ Pro (KDMS™ Pro), Compass Control® Pro, and is fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.

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 A/V 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*.