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Product Link: *KD-X222PO*

Key Digital Features Favorite HDBaseT Extenstion Kit

KD-X222PO offers Power over HDBaseT and professional diagnostics tools

MOUNT VERNON, NY – November 12, 2019 – Spotlighting one of the most popular items in its robust family of HDBaseT extender products, Key Digital, the leaders in digital video and control systems presents the efficient and effective *KD-X222PO* HDBaseT extender set.

KD-X222PO includes the transmitter and the receiver and features signal extension of high-quality HDMI video and audio signals up to 125 ft. at 4K 24/25/30(4:4:4)/60(4:2:0) using Cat5e/6UTP/STP cabling and up to 230 ft. at 1080p /1920x1200 using third-party Cat5e/6 cabling. KD-X222PO supports 4K resolutions and HDR with a maximum signal bandwidth of 10.2 Gbps.

Working as a professional diagnostics kit as well as powerful extender, the KD-X222PO has Key Digital's full buffer technology built-in. The product's rotary controls on the transmit side allow installers to choose the desired EDID handshake to be provided to the video source and force Hot Plug Detection. By connecting into KD-X222PO Tx unit via common terminal software such as Putty or Teraterm, installers are able to use this problem solving kit to collect full connectivity status.

KD-X222PO delivers support of HDR10 (High Dynamic Range) on 4K 24/25/30 video resolution which is handled as part of their proprietary Full-Buffer Technology (FBT). Key Digital's Full Buffer System technology manages TMDS re-clocking and signal re-generation, HDCP authentication to source & display, and EDID handshaking control. EDID control has 15 different settings inside the software, many of which are now updated to contain HDR header information in the handshake. HDCP authentication on the HDMI input gives the source the information and file it needs and is 2.2 compliant. Forced Hot Plug Detection enables the integrator or user to choose if the active signal voltage is forced to the connected input device.

Key Digital's KD-X222PO integration tools include IR sensor powering via +5V on the Rx unit's IR In port to collect line-of-sight IR from remote(s) without external IR connecting block. Alternately, the control ports of the KD-X222PO can be used for extension of bi-directional RS-232 signals for controlling connected devices from a professional control system. The KD-X222PO Tx unit provides power to the Rx unit enabling ease of installation in narrow spaces behind mounted displays. There is support for standard Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™.

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 lead 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*.