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|  PR Image: [KD-X422POA](http://keydigital.com/product.aspx?ItemCode=KDX422POA) |

**Key Digital Offers Audio De-Embedding HDBaseT Solution**

KD-X422POA designed for AV installations with amplifiers or powered speakers

**MOUNT VERNON, NY – November 17, 2020** – Key Digital, the leaders in digital video and control systems, shines a spotlight on the integrator-friendly [KD-X422POA](http://keydigital.com/product.aspx?ItemCode=KDX422POA) 4K HDBaseT HDMI extender set with audio de-embedding which provides incoming HDMI sources seamless integration with external audio systems and displays.

The KD-X422POA delivers analog and digital audio de-embed ports directly on the transmit unit to circumvent the increasing lack of audio connectivity on source equipment in recent years. Audio is de-embedding, converted, and transmitted from the HDMI input through analog L/R balanced/unbalanced and Digital Coaxial Audio (PCM) audio outputs to enable high-quality external audio connectivity and playback using audio distribution systems, amplifiers, and speakers included in displays.

The KD-X422POA features high-performance HDBaseT signal extension of both video and audio up to 150 ft / 45 m at 4K 10.2 Gbps signals using CAT6A cabling (up to 125 ft / 38 m using third-party CAT5e/6 UTP/STP cabling) and up to 250 ft / 76 m at 1080p / 1920x1200 using CAT6A cabling (up to 230 ft / 70 m using third-party CAT5e/6 cabling).

KD-X422POA features support of HDR10 (High Dynamic Range) at 4K 24/25/30 delivered as part of Key Digital's proprietary Full-Buffer Technology (FBT).

With the power of Key Digital’s FBT, the KD-X422POA is promoted from an extension kit to an extension kit plus an included professional diagnostics kit for ease of integration. The FBT manages TMDS re-clocking and signal re-generation, HDCP authentication to source and display, and EDID handshaking control. Unlike its manufacturing competition, Key Digital can boast that EDID has been in its arsenal for over ten years of development and continues to mature as new HDMI standards and trends emerge. The EDID handshaking 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 necessary information and file 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.

Additional useful integration tools on the KD-X422POA 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-X422POA can be used for extension of bi-directional RS-232 signals for controlling connected devices from a professional control system. The KD-X422POA Tx unit provides power to the Rx unit with the featured PoH, plus the unit’s super slim chassis design enables ease of installation in narrow spaces behind mounted displays. Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™ are supported.

## 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 AV 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>.