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| PR Link: [KD-FIX418A](http://keydigital.com/product.aspx?ItemCode=KDFIX418A) |

# Key Digital’s Fixer for 4K/18G Digital Video Installations Now Includes Audio De-Embedding

## KD-FIX418A adds audio de-embedding to its list of integration tools

**Mount Vernon, NY – April 16, 2019** – The award winning manufacturer of professional A/V and control systems introduces the **KD-FIX418A**, a compact HDMI correction device for 18G HDMI video signals now with audio de-embedding. Key Digital recognizes the growing need for de-embedded audio and is excited to unveil this feature update to the already versatile KD-FIX418A.

The KD-FIX418A resolves common HDMI integration obstacles related to HDCP, EDID, Hot Plug Detection, bandwidth, and audio de-embedding. Units may be paired to compress and decompress 18Gbps video signals and extend via legacy 10.2Gbps cabling, or high-equalization may be applied on the HDMI input for repair of degraded incoming signals.

Audio de-embedding on the KD-FIX418A enables external connectivity with audio distribution systems, amplifiers, and sound bars. The HDMI input is de-embedded through Analog L/R and Digital Coaxial Audio (PCM) audio outputs.

“Key Digital's KD-FIX418A is your fixer for all 18Gbps related signal and connectivity issues in HDMI digital video professional applications. The addition of analog and digital audio de-embed ports in this product update are an extremely useful tool for integrating simplistic HDMI source devices that do not have external audio connectors,” said Jonathon Ferry, Key Digital National Training Manager. “The huge benefit of the KD-FIX418A is that it can be a pass-through for 18Gbps or it can down convert 18Gbps signals to 10.2Gbps therefore enabling it to send signals into existing systems that might have been installed or purchased before the change in the HDMI specification to 18Gbps signals. There are many problem-solving advantages that make KD-FIX418A the product that all AV integrators and professionals should have in their van at all times.”

The KD-FIX418A is a simple yet powerful correction device with many different modes to help integrators fix 18G HDMI video signal problems. In down-convert mode the unit accepts an incoming 18G signal and down-converts into a 10G signal for integration into an existing matrix or video distribution system. The KD-FIX418A works with HDMI cabling for extension of 4K/UHD signals with HDR10 up to 50 ft / 15 m in and out using traditional copper HDMI cabling with the KD-PROGX series or up to 328 ft / 100 m in and out using Key Digital’s active optical cable KD-AOCH series. The KD-FIX418A offers 4K/UHD support for 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4(up to 18Gbps bandwidth).

KD-FIX418A also has built-in Full Buffer System technology which manages TMDS re-clocking and signal re-generation, HDCP authentication to source & display, and EDID handshaking control. Unlike many manufacturers, Key Digital has had EDID control for 10+ years. 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.

## 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>.