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Key Digital Presents High Performance Active Optical Copper Hybrid Cables

KD-AOCH represents revolutionary new method of extending HDMI

Mount Vernon, NY – February 12, 2019 – The award winning manufacturer of professional AV and control systems introduces the **KD-AOCH** series cables available in lengths from 10 m / 33 ft to 100 m / 328 ft. This active optical copper hybrid cable series offers the latest in 4K resolutions with Ultra HD/4K support up to 4096x2160 or 3840x2160 50/60Hz at 4:4:4 with 18 Gbps bandwidth high speed performance for the latest HDMI video specifications. KD-AOCH cables are directional with each head containing specific handling for optimal performance.

The KD-AOCH series cables include [KD-AOCH33](#), [KD-AOCH49](#), [KD-AOCH66](#), [KD-AOCH98](#), [KD-AOCH131](#), [KD-AOCH164](#), [KD-AOCH230](#), [KD-AOCH262](#), and [KD-AOCH328](#).

“Key Digital active optical copper hybrid cables deliver full 4K/18Gbps signals at greater distances previously unimaginable with traditional copper HDMI cabling. By sending the heaviest portion of HDMI signals, the TMDS channel, over optics the signal of the video and audio layer is not subjected to typical signal degradation,” said Jonathon Ferry, National Training Manager of Key Digital. “Of course, HDMI cabling must carry power, and therefore such signals must still be carried over a minimal amount of copper wiring inside the KD-AOCH along with essential EDID handshaking information, HDCP authentication, and more.”

With 28 AWG measurement, KD-AOCH cables are thin and flexible, and support a tighter bend radius than traditional HDMI. The CL3/FT4 UL rated KD-AOCH series cables are approved for in-wall installations.

Key Digital’s KD-AOCH series cables are HDCP 2.2 compliant and backward compatible with previous HDCP versions.

The KD-AOCH cables have been designed using Open Eye Technology and each is tested for noise-free performance. KD-AOCH series has deep color support up to 4K 24/25/30Hz 4:4:4/12 bits or 50/60Hz 4:2:0/12 bit as well as HDR10 (High Dynamic Range) delivering life-like images through the use of a greater range of luminance levels.

KD-AOCH supports Audio Return Channel (ARC), allowing audio to be returned from the display back to the HDMI source for amplification and display. Support for digital audio formats includes Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio. The Ethernet channel on the cables supports up to 100 Mb/s of Ethernet speeds between two HDMI connected devices.

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>.