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| PR Image: [KD-DA2x4G](http://keydigital.com/downloads/KDDA2x4G/KD-DA2x4G_h.jpg), [KD-DA2x8G](http://keydigital.com/downloads/KDDA2x8G/KD-DA2x8G_h.jpg) |

# Key Digital Introduces 4K/UHD 18G HDMI Distribution Solution

## KD-DA2x4G and KD-DA2x8G offer sizeable solutions for small & medium scale projects

**Mount Vernon, NY – March 18, 2019** – The award winning manufacturer of professional A/V and control systems introduces the **KD-DA2x4G** and **KD-DA2x8G** high-performance 18 Gbps HDMI distribution amplifiers providing two HDMI inputs to four or eight respective HDBaseT outputs. KD-DA2x4G and KD-DA2x8G were designed for a superior distribution system without signal degradation, offering the best in quality, performance, and reliability while still remaining cost-effective.

What separates Key Digital’s latest distribution amplifiers from the competition is the front-end switching selection easily enabling different content to be distribution to all four / eight screens up to 100 m / 328 ft away at 1080p resolution or 70 m / 250 ft at 4K. All four / eight monitors are connected via included long-range HBaseT receive units. All receive units are powered by the KD-DA2x4G and KD-DA2x8G, relieving integrators from the troublesome task of plugging in power supplies behind each monitor.

KD-DA2x4G and KD-DA2x8G includes a keen assortment of integration tools. The auto-sensing feature will automatically switch to a newly detected source or from a newly disconnected source via Hot Plug Detection voltage when enabled. Analog and digital audio de-embedding of the selected source enables the distributed video content to also be fed into connected audio systems. Control pass-through enables IR or RS-232 signals from a professional control system to control connected monitors or be collected from an Rx unit and sent to the main equipment rack location for control of a selected source.

The KD-DA2x4G and KD-DA2x8G offer Ultra HD/4K resolution support at 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18 Gbps bandwidth), signal extension of 4K/UHD up to 76 m / 250 ft using CAT5e/CAT6/CAT6A/CAT7, and signal extension of 1080p up to 100 m / 328 ft at 18 Gbps bandwidth for the latest HDMI standards.

These impressive distribution amplifiers offer resolution support of all SD, HD, VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) up to 4096x2160p, HDCP 2.2 forward and backward compliancy up to HDCP 2.2, High Dynamic Range (HDR) format support of HDR10 and Dolby® Vision, and deep color support up to UHD/4K 60Hz 4:2:0/12 bits, 60Hz 4:2:2/12 bits. With support of HDR10 (High Dynamic Range) video users are able to experience more life-like images through a greater range of luminance levels. Key Digital’s HDR10 delivery is handled as part of their proprietary Full-Buffer Technology (FBT).

The KD-DA2x4G and KD-DA2x8G features EDID Control with a built-in internal library of 15 EDID handshakes in addition to the ability to copy the EDID data from the display connected to output/display one. The Full Buffer System manages TMDS re-clocking / signal re-generation, HDCP source & display authentication, Hot Plug Management and EDID Control handshake. Supported lossless compressed digital audio formats include Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos.

These products join a suite of Key Digital IP enabled products that are now app ready. The engineers at Key Digital have created a simple way for installers and users to switch inputs of the video distribution system as if you were standing in front of the unit - all from your iOS device. The Key Digital app can be downloaded free from the App Store. The KD-DA2x4G and KD-DA2x8G also support the Key Digital Management Pro Software (KDMS Pro), is Compass Control Pro ready, 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 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>.