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|  Product Link: [KD-DA1x2DC](https://keydigital.org/category/4k-18g-hdmi-distribution-amplifiers-with-l-r/KD-DA1x2DC) |

**Key Digital Releases New HDMI Splitter with 4K to 1080p Down-Convert Option**

## KD-DA1x2DC ideal for sending 4K content simultaneously to 4K and 1080p displays

MOUNT VERNON, NY – August 11, 2021 – Key Digital, an award-winning developer and manufacturer of leading-edge digital video processing and video signal distribution solutions, introduces the new [KD-DA1x2DC](https://keydigital.org/category/4k-18g-hdmi-distribution-amplifiers-with-l-r/KD-DA1x2DC) 4K 18G HDMI splitter with audio de-embed and 4K to 1080p down-convert. KD-DA1x2DC is engineered to offer quality, performance, and reliability at a cost-effective price point and has been designed for professional audio video installations in digital signage, surveillance monitoring applications, and more.

Providing added integration options in both new and retrofit instillations, the resolution down conversion option on the KD-DA1x2DC splitter enables a single HDMI video source to be displayed on two video displays regardless of 4K or 1080p resolution support. When enabled, the 4K to 1080p down-convert feature applies resolution conversion to each output individually based on the EDID from the connected display, therefore removing any guessing as to the display’s supported resolution on the part of the AV integrator.

KD-DA1x2DC features L/R analog and optical digital audio de-embed ports, enabling ease of integration into amplifiers, distributed audio systems, or sound bars. Audio de-embedding allows audio of the connected HDMI input to be output at the digital optical and analog 3.5mm stereo connectors.

Ultra HD/4K is supported at 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth) and KD-DA1x2DC is fully licensed and compatible with HDCP 2.2.

KD-DA1x2DC features HDR10 and Dolby Vision® to offer more life-like images through a greater range of luminance levels. Video resolutions up to 4096x2160p are supported and deep color is supported up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit.

Key Digital’s proprietary Full Buffer System™ within KD-DA1x2DC manages TMDS re-clocking / signal re-generation, HDCP authentication to source and display, and EDID control handshake. EDID management includes an internal library containing 15 EDID handshakes including 4K with HDR in addition to native EDID data copied from KD-DA1x2DC output/display 1. EDID handshaking and Forced Hot Plug Detection professional tools help overcome common HDMI handshaking and integration problems for ease of installation in any environment.

Digital audio format supported include DTS-HD Master Audio™, DTS:X®, Dolby® TrueHD, and Dolby Atmos®.

The KD-DA1x2DC is priced at $178.00 (U.S.) and is available to ship August 2021 from Key Digital and authorized resellers.

Visit the KD-DA1x2DC product page [here](https://keydigital.org/category/4k-18g-hdmi-distribution-amplifiers-with-l-r/KD-DA1x2DC).

**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 <https://keydigital.org/>.