

## Key Digital Intros HDMI Switchers

Written by Marco Attard  
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Key Digital announces the KD-S2x1X and KD-S4x1X 4K/18G HDMI switchers-- featuring push button and optical IR switching, status-monitoring LEDs and support for HDR10, HDCP 2.2 and 4K, as well as UHD/4K support.



Designed for installation in presentation, theatre and gaming spaces, the KD-S2x1X and KD-S4x1X connect multiple video sources to a single display. L/R analog and Toslink Optical audio de-embed ports allow installers to feed selected source audio into amplifiers, DSPs or soundbars. The switchers also feature auto-sensing with automatic source selection, as well as switching from a newly disconnected source via hot plug detection voltage (when enabled).

The KD-S2x1X and KD-S4x1X support HDCP 2.2, and have HDR header information included in the 4K EDID handshake ensuring installers do not need to navigate through video source menus to enable optimal viewing. Advanced EDID management options include a built-in library with 15 EDID handshakes, including 4K with HDR, in addition to native EDID data copied from the output/display. Proprietary Full Buffer System manages TMDS re-clocking/ signal regeneration, HDCP authentication to source and display, and EDID control handshake.

Deep Color is supported, with ranges up to UHD/4K 30Hz 4:4:4/12-bit or 60Hz 4:4:4/8-bit. Lossless digital audio format support includes Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos. Audio de-embedding covers signals up to 5.1 or 6.1 surround, with output at the digital optical and analog 3.5mm stereo connectors. The switchers support all SD, HD and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) up to 4096x2160p and Ultra HD/4K video standards up to 18Gbps.

Go [Key Digital KD-S2x1X](#)

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