

## HDMI Switchers



## KD-S4x1X

4x1 (4K@60Hz/18G/444) HDMI Switcher with L/R / Optical Audio & De-Embedded Audio Output

## KEY FEATURES

- > **HDMI Switching:** 4 HDMI sources to 1 HDMI output/display
- > **Ultra HD/4K Support:** 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- > **HDCP Licensing:** Fully licensed and compatible with HDCP 2.2
- > **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- > **Resolution Support:** Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) up to 4096x2160p
- > **Deep Color Support:** Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- > **Audio De-embedding:** Audio of the selected HDMI input is output at the digital optical and analog 3.5mm stereo connectors
- > **Auto-Sensing:** Automatic selection of newly detected source and switching from newly disconnected source via hot plug detection voltage when enabled
- > **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- > **EDID Management:** Internal library with 15 internal EDID handshakes including 4K with HDR in addition to native EDID data copied from the output/display
- > **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, and Dolby® Atmos
- > **CEC Pass-thru:** From connected display to selected HDMI source
- > **Control:** Front panel buttons/LEDs, Optical IR
- > **Control System Support:** Compass Control® Pro ready. Fully controllable by all IR supported control systems



## SPECIFICATIONS

- > Input (Each): HDMI Connector, Type A, 19 Pin Female
- > Output: HDMI Connector, Type A, 19 Pin Female
- > Bandwidth: TMDS bandwidth 18 Gbps
- > DDC Signal (Data): Input DDC Signal - 5 Volts p-p (TTL)
- > HDMI Video/Audio Signal: Input Video Signal - 1.2 Volts p-p
- > Power Supply: KD-PS5V1ASC, 5V/1A, 100-240VAC, 50-60Hz, Interchangeable head, screw-in connector
- > Regulation: CE, RoHS, WEEE, EAC
- > Enclosure: Black Metal
- > Product Dimensions: 6.25" x 1.1" x 3.1"
- > Packaging Dimensions: 9.8" x 4.5" x 3.35"
- > Product Weight: 0.9 lb
- > Shipping Weight: 1.5 lb

## SYSTEM DESIGN EXAMPLE

