

## HDMI Switchers

# KD-S2x1X

2x1 (4K@60Hz/18G/444) HDMI Switcher with L/R / Optical Audio & De-Embedded Audio Output

### KEY FEATURES

- › **HDMI Switching:** 2 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: 4.3" x 1.1" x 2.8"
- › Packaging Dimensions: 6.3" x 4.2" x 3.7"
- › Product Weight: 0.5 lb; 0.9 lb
- › Shipping Weight: 0.7 lb; 1.5 lb

### SYSTEM DESIGN EXAMPLE

