

## KD-4x4CSK

4 Inputs to 4 Outputs HDMI Matrix Switchers, Audio De-embedders of Coaxial Digital & Analog L/R, support Ultra HD/4K

### Key Features

- ▶ **HDMI Matrix Switching:** 4 HDMI sources to 4 HDMI outputs
- ▶ **Resolution Support:** Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to UHD/4K (4Kx2K/60[4:2:0], 4Kx2K/30/25/24[4:4:4])
- ▶ **Ultra HD/4K:** 4K/2K video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production
- ▶ **Audio De-Embedder:** Audio from the selected HDMI input may be de-embedded through the Coax digital (PCM) or Analog L/R audio output
- ▶ **3D Ready:** Capability to pass 3D stereoscopic signal formats
- ▶ **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- ▶ **EDID:** Internal library with 15 default EDID configurations for input, in addition to native EDID data for any Output/Display
- ▶ **TMDS re-clocking:** Support for long HDMI connectivity using Key Digital® HDMI cables
- ▶ **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- ▶ **Deep Color Support:** Up to 12 bits/color
- ▶ **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- ▶ **Control:** Front panel buttons/LEDs, Serial IR, Optical IR, and RS-232 Control, including discrete power on and off via IR and RS-232
- ▶ **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, Extron®, Leviton®, RTI®, Savant®, URC®, etc.



**HDMI®**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**3D Ultra HD/4K**

### Specifications

- ▶ Input (Each): 1 HDMI Connector, Type A, 19 Pin Female
- ▶ Output (Each): 1 HDMI Connector, Type A, 19 Pin Female; 3.5 mm stereo jack connector for Analog L/R Output; RCA Jack for Digital Audio Output [ follows SPDIF format (IEC 60958 )]
- ▶ Bandwidth: TMDS bandwidth 10.2 Gb/s
- ▶ Deep Color Support: Supports digital video formats in Deep Color Mode up to 12 bits/color with all HDMI and HDCP technologies
- ▶ DDC Signal (Data): Input DDC Signal - 5 Volts p-p (TTL)
- ▶ HDMI Video/Audio Signal: Input Video Signal - 1.2 Volts p-p
- ▶ DDC Communication: EDID and HDCP buffering between source and display
- ▶ Wired IR: modulated IR signal input, 0-5V TTL or -10to +10V, 3.5mm mono female connector with signal on tip
- ▶ Power Supply: KD-PS12V2ASC, 12V/2A, 100-240VAC, 50-60Hz, Interchangeable head
- ▶ Regulation: CE, RoHS, WEEE
- ▶ Rack Mount: 1U, Full Rack Width (rack ears included)
- ▶ Product: 17.25" x 7.5" x 1.75" , Weight: 5.2 lbs
- ▶ Packaging: 21.25" x 13" x 3.5", Weight: 7.9 lbs
- ▶ Enclosure: Black Metal



### System Design Example

