

4K/HDCP2.2 HDMI Switchers with Audio De-Embedding

KD-Pro2x1

2 Inputs to 1 Output HDMI Switcher with Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Audio, supports Ultra HD/4K & HDCP 2.2

Key Features

- › **HDMI Switching:** 2 HDMI sources to 1 HDMI output
- › **HDCP Licensing:** Fully licensed and compatible with HDCP 2.2
- › **Resolution Support:** Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA)
- › **Ultra HD/4K Support:** 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4
- › **HDR (High Dynamic Range):** More life-like images through a greater range of luminance levels
- › **Deep Color Support:** Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- › **Audio De-Embedder:** Audio from the selected HDMI input is de-embedded through the Coax digital (PCM) or Analog L/R Balanced/Unbalanced
- › **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 handshakes for inputs, in addition to native EDID data for Output/Display
- › **TMDS re-clocking:** Support for long HDMI connectivity using Key Digital® HDMI cables
- › **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, and Dolby® Atmos
- › **Control:** Front panel buttons/LEDs, Trigger In, Serial IR, Optical IR, RS-232 Control, and TCP/IP Control
- › **Control System Support:** Key Digital® App ready. Compass Control® ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API: AMX®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.



Specifications

- › Input: HDMI Connector, Type A, 19 Pin Female
- › Output (Each): HDMI Connector, Type A, 19 Pin Female
- › Bandwidth: TMDS bandwidth 18 Gb/s
- › 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-PS5V2ASC, 5V/2A, 100-240VAC, 50-60Hz, Interchangeable head, screw-in connector
- › Regulation: CE, RoHS, WEEE
- › Enclosure: Black Metal
- › Product Dimensions: 8.25" x 4.0" x 1.7"
- › Packaging Dimensions: 10.75" x 8.9" x 2.2"
- › Product Weight: 0.9 lb
- › Shipping Weight: 2 lb

LIMITED
10 YEAR
WARRANTY

System Design Example

