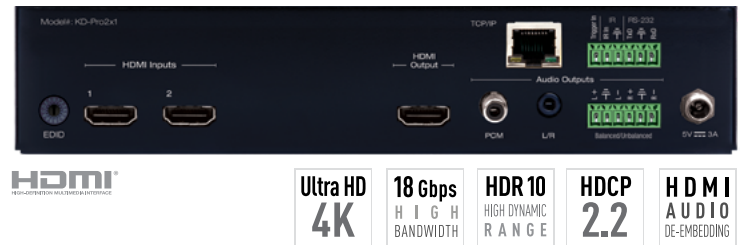HDMI Switchers with Audio De-Embedding

KD-Pro2x1

2x1 4K/18G HDMI Switcher with Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Audio, supports HDR10, HDCP2.2

Key Features

› **HDMI Switching:** 2 HDMI sources to 1 HDMI output

› **4K Support:** 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4

› **18 Gbps Bandwidth:** High Speed / Performance for latest HDMI standards

› **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels

› **HDCP 2.2 and HDMI Licensing:** Fully licensed and compatible with HDCP 2.2 and HDMI latest technologies

› **Deep Color Support:** Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit

› **Audio De-Embedding:** Audio from the selected HDMI input is de-embedded through the Coax digital (PCM) or Analog L/R Balanced/Unbalanced

› **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.

Ultra HD 4K | 18 Gbps HIGH BANDWIDTH | HDR 10 HIGH DYNAMIC RANGE | HDCP 2.2 | HDMI AUDIO DE-EMBEDDING

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

System Design Example