



## 4K 18G 4x1 HDMI Switcher with Audio KD-PRO4X1X

SKU: 12960    UPC: 815996021287

4x1 4K/18G HDMI Switcher with De-Embedded Audio Output (Optical/Balanced Audio) and IP Control

### Features

- **HDMI Switching:** 2/4 HDMI sources to 1 HDMI output/display
- **Ultra HD/4K:** Supports up to 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 and Dolby Vision:** More life-like images through a greater range of luminance levels
- **Audio De-embedding®:** Audio of the selected HDMI input is de-embedded at the analog (3.5mm stereo & L/R balanced/unbalanced) and digital (optical & PCM) connectors
- **Key Digital® App Ready:** Scan & detect population for pre-built GUI and TCP/IP control via Key Digital® App
- **KD-AMP220 Control Mode:** Command forward to KD-AMP220 for an all-in-one user-friendly control UI of video switching, audio and speech enforcement
- **PTZ USB Camera Integration:** Add KD-CAMUSB for full PTZ control via KD-App. Use with KD-XUSB2 extender for USB signal extension over CAT5e/6.
- **Auto-Sensing:** Automatic selection of newly detected source and switching from newly disconnected source via hot plug detection voltage when enabled
- **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
- **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 1
- **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
- **CEC Pass-thru:** From connected display to selected HDMI source
- **Control:** Front panel button, serial IR, optical IR, RS-232, trigger in, and TCP/IP controllable
- **Control System Support:** Key Digital® App ready. Compass Control® Pro ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.

Technical: HDMI Input (Each): HDMI Connector, Type A, 19 Pin Female HDMI Output: HDMI Connector, Type A, 19 Pin Female HDMI Bandwidth: TMDS bandwidth 18Gbps DDC Signal (Data): Input DDC Signal - 5 Volts p-p (TTL) HDMI Video/Audio Signal: Input Video Signal - 1.2 Volts p-p 3.5mm Stereo Audio Output: Line level audio on TRS connector. Drives 1 VRMS line audio output with a sampling rate of 192KHz Balanced/unbalanced Audio Output: Line level audio on 6-pin terminal block. Drives 2VRMS line audio output with a sampling rate of 192KHz Digital PCM Audio Output: RCA female for digital audio following SPDIF format (IEC 60958). Supports sampling rate up to 192KHz Digital Optical Audio Output: Toslink optical female for digital audio following SPDIF format (IEC 60958). Supports sampling rate up to 96KHz PCM Max Output Level: 1Vpp on 75Ω, DC coupling Audio Bandwidth: 20Hz to 20kHz @ 0dBu TND + Noise: 0.33% @0dBu @ 1kHz Wired IR: modulated IR signal input, 0-5V TTL or -10 to +10V Power Supply: KD-PS12W5VC 5V/2.4A, 100-240VAC, 50-60Hz, Interchangeable head, screw-in connector General: Regulation: CE, RoHS, WEEE, EAC Enclosure: Black Meta Product Dimensions: 8.25 x 4.0 x 1.7 (210.82 x 101.9 x 43.96mm) Packaging Dimensions:



10.75 x 8.9 x 2.2 (275 x 225 x 55mm) Product Weight: 0.9 lb Shipping Weight: 2 lb