



Key digital®

4K 18G HDBaseT HDMI Presentation Switcher

KD-PS42

SKU: 156165 UPC: 815996021195

The KD-PS42 4-Input 4K 18G Presentation Switcher from Key Digital supports video at resolutions up to 4096 x 2160 at 60 Hz. It features 1 x HDBaseT and 3 x HDMI input ports and 1 x HDBaseT and 1 x HDMI output ports for presentation switching. Audio of the selected source is de-embedded at the units analog L/R balanced/unbalanced and PCM digital audio connectors. This switcher supports a signal extension of up to 131 via 4K/UHD and up to 230 via 1080p when used with the included KD-X40MRx receiver. Furthermore, an IR emitter, power adapter, and mounting brackets are also included.

Features:

- Source selection by push button, IP, RS-232, IR, auto switching, or trigger control
- Supports up to 4096 x 2160 or 3840 x 2160 resolution at 24, 25, 30, and 60 Hz at 4:4:4 (signals up to 18 Gb/s bandwidth)
- Automatic selection of newly detected source and switching from newly disconnected source when enabled
- CEC Manager provides power, volume, and muting controls of the connected display/projector without any additional control wiring
- Network scan and detect populates pre-built GUI including connected display/projector controls via CEC Manager
- Command forward to KD-AMP220 for an all-in-one user-friendly control UI of video switching, audio, and speech enforcement
- Fully licensed and compatible with HDCP 2.2
- HDR10 and Dolby Vision for life-like images through a greater range of luminance levels
- Half-rack width with rack and mounting brackets included
- Full Buffer System manages TMDS re-clocking/signal re-generation, HDCP authentication to source and display, EDID Control handshake, and Hot-Plug Detection Voltage
- EDID Management features internal library with 15 internal EDID handshakes including 4K with HDR in addition to native EDID data copied from the Rx display/device
- RS-232 bidirectional control to/from transmitter and receiver/presentation switch unit
- Unit control mode provides TCP/IP and RS-232 control and status of/from transmitter unit
- Lossless compressed digital audio with support for Dolby TrueHD, Dolby Digital Plus, Dolby Atmos, and DTS-HD Master Audio
- Key Digital app ready, Key Digital Management Software Pro (KDMS Pro) ready, and Compass Control Pro ready
- Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API

General: Regulation: CE, RoHS, WEEE, EAC Enclosure: Black Metal