



4K 2x1 Presentation Switcher / Extender

KD-PS22UTx

SKU: 169572 UPC: 815996021546



4K 18G 328ft (100m) HDMI over HDBaseT Extender, 2x1 Switcher with 2 HDMI Inputs, 2 Mirrored Outputs (HDBaseT, HDMI), USB 2.0, LAN, Audio De-Embed, IR, RS-232, IP Control, PoH, CEC Manager. Tx Only.

Features

- **Presentation Switching:** 2 HDMI Source selection by push button or IP control
- **Rx Options:** Native integration with KD-X100MRx black box HDBaseT Rx or KD-UPS52U Presentation Switchers
- **Soft-Codec Enabling System:** USB Host + Device ports on wall plate and chosen Rx / Presentation Switch create connectivity hub for professional USB cameras and microphones, audio DSP, keyboard, mouse, or touchscreen display with connected computer
- **KDPlug & Present:** Add KD-CX800 to build programming-free automation system for room display on / off, screen control, auto switching, KD-CAMUSB PTZ camera, KD-AMP220 amp with mic mix, and common video source control
- **Ultra HD/4K:** Supports up to 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- **ARC / eARC:** Audio may be returned from the connected display or Rx (KD-X100MRx) unit and output on the external analog & digital outputs
- **Visually Lossless Compression:** 18G enabling technology applied to all video formats exceeding 10.2Gbps to accommodate HDBaseT transmission channel
- **10G Pass-thru:** Mode enables uncompressed 10.2Gbps signal extension
- **Auto-Switching:** Automatic selection of newly detected source and switching from newly disconnected source when enabled
- **KD-App Ready:** Network scan & detect populates pre-built GUI including connected display/projector controls via CEC Manager
- **HDCP Licensing:** Fully licensed and compatible with HDCP 2.2
- **HDR10:** More life-like images through a greater range of luminance levels
- **Power Over HDBaseT:** Unit powered by Rx/Presentation Switch unit
- **Signal Extension:** For resolution and cable quality
 - 4K/UHD (18G): Up to 100m / 328ft
 - 1080p: Up to 150m / 492ft (Long Range Mode)
- **Long Range Mode:** Extends 1080p signals up to 152m (500 ft.) using CAT5e/6 (UHD/4K not supported)
- **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, EDID Control handshake, and Hot Plug Detection Voltage
- **EDID Management:** Internal library with 15 internal EDID handshakes including 4K with HDR in addition to native EDID data copied from the Rx display/device
- **IR Bi-Directional control:** Tx supports IR input via the included IR sensor and output via the included IR emitter
- **RS-232:** Bi-Directional control to/from Tx and Rx/Presentation Switch unit
- **Unit Control Mode:** Provides TCP/IP control and status of/from Tx unit
- **Surround Sound Audio:** Supports Dolby TrueHD, Dolby Digital Plus, Dolby Atmos, and DTS-HD Master Audio multi-channel audio formats

- **Control System Support:** Key Digital App Ready. Key Digital Management Software Pro (KDMS Pro) ready, Compass Control Pro ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.