

Key Digital KD-X444L 4K/18G POH/HDBT/HDMI Extender (Transmitter/Receiver) Kit

4K/18G POH/HDBT/HDMI Extenders (Includes KIT TX/RX 4K/70Meters 1080P/100Meters)

Features

- **HDBaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **4K Support:** 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- **Flexible Power over HDBaseT:** Only one power connection needed. Tx may power Rx, or Rx may power Tx.
- **Low Profile:** Super slim chassis design
- **Signal Extension:** For resolution and cable quality
 - 4K/UHD: Up to 230 ft. (70m) using CAT5e/6 Up to 328 ft. (100m) using CAT6A STP / CAT7
 - 1080p: Up to 328 ft. (100m) maximum
- **Long Range Mode:** Extends 1080p signals up to 500 ft. (152m) using CAT5e/6 (UHD/4K not supported)
- **10G Pass-thru:** Mode enables uncompressed 10.2Gbps signal extension
- **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- **HDCP 2.2:** Compliancy up to HDCP 2.2 and backward compliant
- **Deep Color Support:** Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- **EDID Control:** Internal library with 15 EDID handshakes including 4K with HDR in addition to native EDID data from Output/Display device connected to Rx
- **Hot Plug Detection Control:** Enables integrator to choose if active signal voltage is forced to connected input and output devices
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication with source & display, EDID Control handshake, and Hot Plug Detection control
- **IR Sensor:** Sensor powering via +5V on IR In ports collects line-of-sight IR from remote(s) without external IR connecting block
- **Up/Down IR:** Two channels of IR enable control to/from devices or control systems connected to Tx and Rx units
- **RS-232:** Bi-Directional control to/from Tx and Rx unit on Phoenix connector
- **Lossless compressed digital audio:** Support for Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™
- **CEC Pass-thru:** For inter-device control between input and output HDMI channel