

## Key Digital KD-X444S 4K/18G HDMI/HDBaseT Extender (Transmitter/Receiver) Kit with RS-232/IR/POH up to 40m

Key Digital® **KD-X444S** is an HDCP2.2 compliant long range HDBaseT kit (Tx + Rx) with support of 18Gbps 4K/UHD signal extension for the latest digital video standards. KD-X444S extends UHD/4K signals up to 130 ft. (40m) using CAT5e/6 cabling. 1080p signals may be extended up to 230 ft. (70m). In addition to HDMI video and audio signals, KD-X444S carries IR and RS-232 for controlling remotely located equipment.

### 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: 125 ft. (40m) maximum »» 1080p: 230 ft. (70m) maximum
- 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
- 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
- Unit Control Mode: Provides control of Tx unit as well as connectivity status
- 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
- Control System Support: Fully controllable by all RS-232 supported control systems via open API: Compass Control® Pro, AMX®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.