



Key Digital Presentation Solutions are a family of products integrating a Soft-Codec Enabling System with HDBT/HDMI/Audio/Control hardware designed for professional audio video installations in conference rooms, board rooms, classrooms, lecture halls, auditoriums, and more.

KD-X2x1WVTx

2x1 4K/18G 40m HDBT PoH Wall Plate Switcher with HDMI & VGA, IR, RS-232. Transmitter Only.

KEY FEATURES

- **Presentation Switching:** 1 HDMI and 1 VGA with Analog Audio source selected by push button
- **Rx Options:** Native integration with KD-X40MRx black box HDBaseT Rx and KD-PS42 Presentation Switcher. Other Rx options available.
- **Ultra HD/4K:** Supports up to 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- **Auto-Sensing:** Automatic selection of newly detected source and switching from newly disconnected source when enabled
- **Converts:** VGA video and analog audio to HDMI
- **Video Scaling:** Aspect ratio, resolution set, image size, image position, image phase, and color tone processing of VGA signals ensures proper display
- **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
- **Power Over HDBaseT:** Wall-plate unit powered by Rx/Presentation Switch unit
- **Installation:** Tx unit designed for installation in standard US dual-gang box. Silver decora plate included.
- **Signal Extension:** For resolution and cable quality
 - » 4K/UHD (18G): Up to 40m / 131ft
 - » 1080p: Up to 70m / 230ft
- **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
- **VGA EDID:** Unique EDID handshake provided to VGA source and HDMI source



4K
@ 60Hz

18G

HDBT™
HDMI™

- **IR Sensor:** Wall-plate collects line-of-sight IR from remote(s) without external IR wiring
- **RS-232:** Bi-Directional control to/from Tx and Rx/Presentation Switch unit
- **Unit Control:** via USB for initial installation steps
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, and Dolby® Atmos

SPECIFICATIONS

- » Regulation: CE, RoHS, WEEE, EAC
- » Enclosure: Tx unit: Brushed aluminum face with black metal backing
- » Dimensions: 3.21" x 2.06" x 0.787" (Wall-plate)
- » Product Weight: 0.7 lbs
- » Packaging: 10.6" x 5.9" x 2.1" (270x150x55mm)
- » Packaging Weight: 1.3 lbs

SYSTEM DESIGN EXAMPLE

