



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 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
- **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
- **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
- **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:** Support for Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™



- **Control System Support:** Fully controllable by all TCP/IP and RS-232 supported control systems via open API: Compass Control® Pro, AMX®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.
- **KD-App Ready:** Network scan & detect populates pre-built GUI including connected display/projector controls via CEC Manager™

SPECIFICATIONS

- Regulation: CE, RoHS, WEEE, EAC
- Wallplate: Standard 2-gang Wallplate
- Enclosure: Faceplate - Silver Brushed Metal, Body - Texturized Silver Metal

SYSTEM DESIGN EXAMPLE

