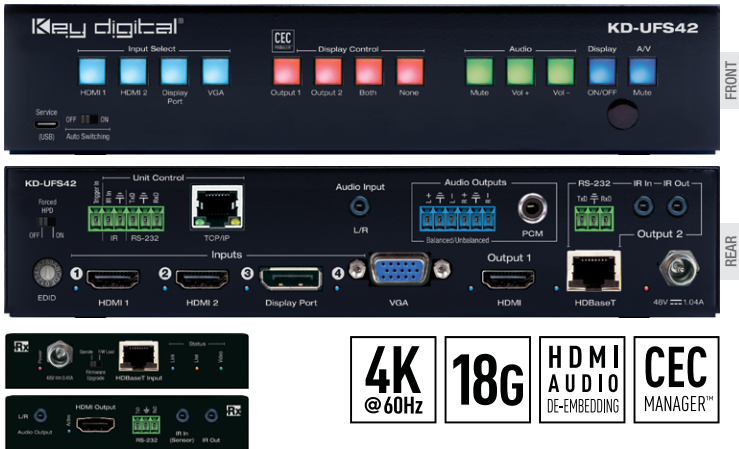


KD-UFS42

4K 18G (40m) Universal Format Switcher with 4 Inputs (2x HDMI, DP, VGA), HDMI and HDBaseT Mirrored Outputs with Rx Included, Audio De-Embed, CEC Display Control, Auto Switching. KD-App and KDPlug & Present™ Ready.



- » **RS-232:** Bi-Directional control to/from Tx and Rx/Presentation Switch unit
- » **Unit Control Mode:** Provides TCP/IP and RS-232 control and status of/from Tx unit
- » **Ease of Integration:** Complete configuration using Key Digital Management Software™ Pro
- » **Installation:** Half-rack width with rack mounting ears included
- » **Audio De-embedding:** Audio of the selected source is de-embedded at the unit's analog L/R balanced/unbalanced and PCM digital audio connectors
- » **Lossless compressed digital audio:** Support for Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™
- » **Control System Support:** Key Digital® App ready. Compass Control® Pro ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.
- » **KD-App Ready:** Network scan & detect populates pre-built GUI including connected display/projector controls via CEC Manager™

SPECIFICATIONS

- » Regulation: CE, RoHS, WEEE, EAC
- » Enclosure: Black Metal / 1U Rack
- » Product: 8.26 x 7.2 x 1.73" (210 x 183.4 x 44.4mm); Weight: 2 lbs
- » Packaging: 15.2" x 9" x 3.9" (385 x 230 x 100 mm); Weight: 3.5 lbs



KEY FEATURES

- » **Presentation Switcher Kit:** Includes KD-UFS42 and KD-X40MRx
- » **Presentation Switching:** 2 HDMI, 1 Display Port, and 1 VGA + L/R audio source selection by push button, IP, RS-232, IR, auto switching, or trigger control
- » **Ultra HD/4K:** Supports up to 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- » **Signal Extension:** For resolution and cable quality
 - » 4K/UHD (18G): Up to 100m / 328ft
 - » 1080p: Up to 150m / 492ft
- » **Auto-Switching:** Automatic selection of newly detected source and switching from newly disconnected source when enabled
- » **CEC Manager™:** Power, volume, and muting controls of the connected display/projector without any additional control wiring. Selection of desired CEC command recipient
- » **KDPlug & Present™ Ready:** Add KD-CX800 to build a programming-free automation system
- » **PTZ USB Camera Integration:** Integrates natively with KD-CAMUSB for full PTZ control via KD-App and more
- » **KD-AMP220 Control Mode:** Command forward to KD-AMP220 for an all-in-one user-friendly control UI of video switching, audio and speech enforcement
- » **HDCP Licensing:** Fully licensed and compatible with HDCP 2.2
- » **HDR10 & Dolby Vision:** More life-like images through a greater range of luminance levels
- » **Power Over HDBaseT:** Rx unit (included) and wall plate Tx unit (sold separately) powered by KD-UFS42
- » **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

SYSTEM EXAMPLE

