

# KD-HD1x4ProK

1 Input to 4 Outputs HDMI Distribution Amplifier, Audio De-embedders of Coaxial Digital Audio & Analog L/R, supports Ultra HD/4K

## Key Features

- » **HDMI Distribution:** 1 HDMI source to 4 HDMI outputs
- » **Resolution Support:** SD, HD, and VESA up to UHD/4K (4096x2160/60/30/24 or 3840x2160/60/30/24)
- » **Ultra HD/4K:** Supports Ultra HD/4K Signal transmission
- » **3D Ready:** Capability to pass 3D stereoscopic signal formats
- » **Audio De-Embedder:** Can de-embed audio from the HDMI input and send it to external digital or analog audio outputs
- » **Hot Plug Detection Control:** Enables integrator to choose if active signal voltage is forced to connected input device
- » **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- » **EDID:** Internal library with 16 default EDID configurations for input, in addition to native EDID data for any Output/Display
- » **Cascading Units:** Up to 64 outputs or displays
- » **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- » **Deep Color Support:** Up to 12 bits/color
- » **I2C Communication:** EDID and HDCP authentication to Source
- » **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- » **Control:** Front status LEDs and RS-232 control
- » **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, Extron, Leviton®, RTI®, Savant, URC®, etc.



## Specifications

- » Input: HDMI Connector, Type A, 19 Pin Female
- » Output (Each): HDMI Connector, Type A, 19 Pin Female
- » Bandwidth: TMDS bandwidth 3.4 Gb/s
- » Link: Single Link - 4K/3D/1080p/60, 12 bit color depth
- » DDC Signal (Data): Input DDC Signal - 5 Volts p-p (TTL)
- » HDMI Video/Audio Signal: Input Video Signal - 1.2 Volts p-p
- » Power Supply: KD-PS5V2ASC, 5V/2A, 100-240VAC, 50-60Hz, Interchangeable head
- » Regulation: CE, RoHS, WEEE
- » Enclosure: Black Metal
- » Product Dimensions: 8.2" x 1.67" x 3.9", Weight: 2 lbs
- » Shipping Dimensions: 11.6" x 6.9" x 4.9", Weight: 5 lbs



## System Design Example

