HDMI Distribution Amplifiers

KD-DA1x4

1x4 4K/18G HDMI Distribution Amplifier

KEY FEATURES

- Digital Distribution: 1 HDMI Source to 4 HDMI Displays
- 4K Support: 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4
- 18 Gbps Bandwidth: High Speed / Performance for latest HDMI standards
- HDR10 (High Dynamic Range): More life-like images through a greater range of luminance levels
- HDCP 2.2 and HDMI Licensing: Fully licensed and compatible with HDCP 2.2 and HDMI latest technologies
- 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 in addition to native EDID data of output/display 1
- Full Buffer™ System: Manages TMDS re-clocking / signal re-generation, HDCP source & display authentication, Hot Plug Management and EDID Control handshake
- Lossless Compressed Digital Audio: Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™ and Dolby® Atmos
- I2C Communication: EDID and HDCP buffering from Display to Source
- CEC Disconnect: Prevents all device communication signals via CEC, ARC, and HDMI Ethernet channels

SPECIFICATIONS

- Input: HDMI Connector, Type A, 19 Pin Female
- Output (Each): HDMI Connector, Type A, 19 Pin Female
- Power Supply: KD-PS5V1ASC, 5V/1A, 100-240VAC, 50-60Hz, Interchangeable head, screw-type connector
- Regulation: CE, RoHS, WEEE
- Enclosure: Black Metal
- Product Dimensions: 6.9” x 3.25” x 0.55”
- Shipping Dimensions: 8.25” x 4.75” x 3.6”
- Product Weight: 0.8 lb.
- Shipping Weight: 1.4 lb.

SYSTEM DESIGN EXAMPLE