

HDMI Distribution Amplifiers

KD-DA1x4

1x4 4K/18G HDMI Distribution Amplifier, supports HDR10, HDCP2.2

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
- › Bandwidth: TMDS bandwidth 10.2 Gb/s
- › 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

