

Key Digital KD-DA1x2 1x2 4K/18G HDMI Distribution Amplifier with HDR10/HDCP2.2

Key Digital® KD-DA1x2 HDMI Distribution Amp is designed and engineered to offer the best in quality, performance, and reliability, while providing a cost-effective, ultra-slim HDMI distribution solution. The KD-DA1x2 provide one input to multiple outputs HDMI distribution without signal degradation. KD-DA1x2 HDMI Distribution Amps support all SD, HD, VESA and Ultra HD/4K video standards, including UHD/4K, 1080p/60, 1920x1200, 3D and support of HDCP 2.2 and HDR10.

Features

- **Digital Distribution:** 1 HDMI Source to 2 HDMI Displays
- **Ultra HD/4K Resolution:** 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4
- **HDCP Licensing:** Compliancy up to HDCP 2.2 and backward compliant
- **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. For some sources KD-HDFIX22 or KD-DA1x2 is needed to pass HDR10.
- **3D Ready:** Capability to pass 3D stereoscopic signal formats
- **Resolution Support:** SD, HD, and VESA up to UHD/4K
- **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
- **Deep Color Support:** Up to 12 Bit at UHD/4K 24/25/30Hz 4:4:4
- **HDMI and HDCP Licensing:** Fully licensed and compatible with HDCP 2.2 and HDMI
- **I2C Communication:** EDID and HDCP buffering from Display to Source
- **CEC Disconnect:** Prevents all device communication signals via CEC, ARC, and HDMI Ethernet channels