

HDMI Distribution Amplifiers



KD-HDDA1X2 / 1X3 / 1X4 / 1X8

1 HDMI/DVI Input to 2/3/4/8 HDMI/DVI Outputs Distribution Amplifier

KD-HDDA1X2



KD-HDDA1X3



KD-HDDA1X4



KD-HDDA1X8



Key Features

- › Distributes 1 HDMI / DVI source to 2/3/4/8 HDMI/DVI outputs
- › Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)
 - › SD & HD: 480i, 480p, 720p, 1080i, 1080p
 - › VESA / DVI: From 640x480p up to 1920x1200p
- › EDID Control featuring internal library of 4 Default HDMI Handshakes
- › Automatic sensing of signal presence and switching to active input

Key Benefits

- › Can be cascaded to support up to 64 outputs or displays
- › Default EDID for 1080i or 1080P systems (EDID Control™)
- › Full support for HDCP, HDMI 1.3a/b, Deep Color (12 bits/color) Video
- › Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

Specifications

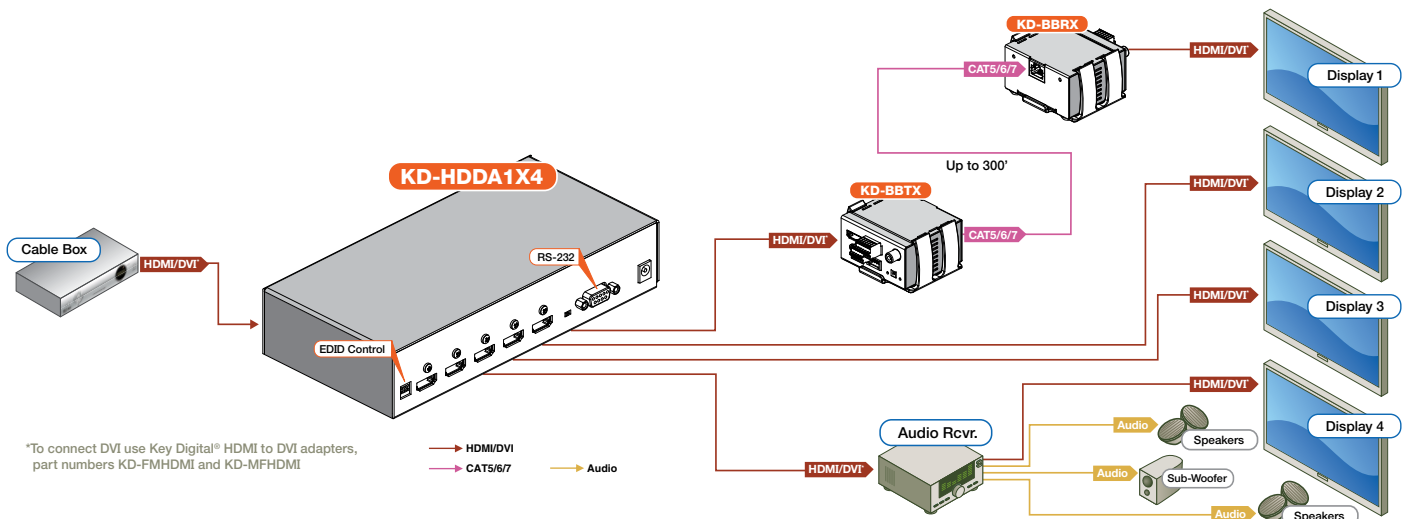
Technical:

- › Inputs: 1 HDMI connector
- › Outputs: 2/3/4/8 HDMI connectors
- › Bandwidth: 10.2 Gb/s TMDS bandwidth
- › Compliance with HDMI Standards: Supports HDMI1.3+, HDMI1.2, HDMI1.1, DVI1.1 and HDCP.
- › Link: Single Link: 1080p/60, 12 bit color depth, 1920x1200 max.
- › DDC Signal (Data): Input DDC Signal: 5 Volts p-p (TTL)
- › HDMI Video/Audio Signal: Input Video Signal: 1.2 Volts p-p
- › HDMI Connector: HDMI Connector: Type A, 19 Pin Female
- › I2C Communication: EDID and HDCP Bi-directional Transparency from Display to Source
- › EDID Control: Any of the active outputs connected via HDMI, or from internal library of 4 default EDID settings.
- › Power Source: 5 Volt DC @ 2 Amps, 100-240 VAC, 50-60 Hz

General

- › Regulation: CE, RoHS, WEEE
- › Rack Mount: 1U Rack Ears Included
- › Enclosure: Black Metal
- › Product Dimensions: (1X2/1X3/1X4) - 8.5" x 4" x 1.75", (1X8) - 17" x 4" x 1.5"
- › Shipping Carton Size: (1X2/1X3/1X4) - 15.5" x 8.5" x 3.75", (1X8) - 18.75" x 9.25" x 3.25"
- › Product Weight: (1X2/1X3/1X4) - 1.5 lbs, (1X8) - 3.2 lbs
- › Shipping Weight: (1X2/1X3/1X4) - 4.2 lbs, (1X8) - 5 lbs
- › Accessories: Rack Ears, UL Certified Power Supply

System Design Example



*To connect DVI use Key Digital® HDMI to DVI adapters, part numbers KD-FMHDMI and KD-MFHDMI