

HDMI® Distribution Amplifiers



KD-HDDA1X8 NEW

1 HDMI/DVI Input to 8 HDMI/DVI Outputs Distribution Amplifier



Key Features

- » Distributes 1 HDMI / DVI source to 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 an internal library of 6 default HDMI Handshakes
- » Automatic sensing of signal presence and switching to active input

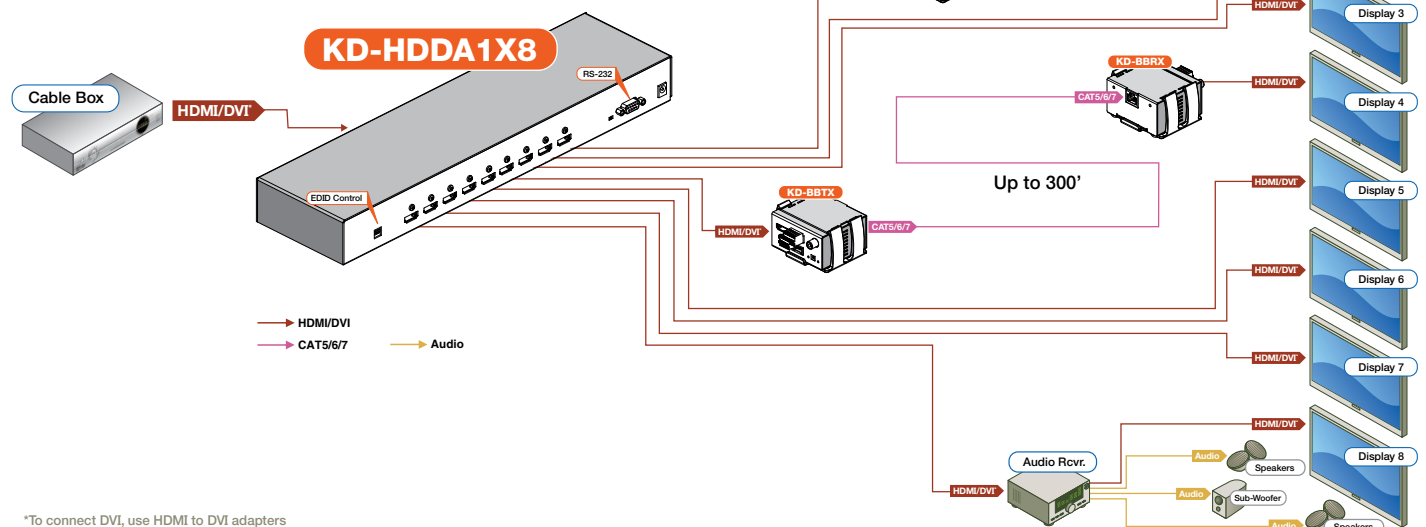
Key Benefits

- » Can be cascaded to support up to 64 outputs or displays
- » Default EDID for 1080i or 1080P systems (EDID Control™)
- » Output status enabled via RS-232 port
- » Full Support for HDMI1.3a/b, HDCP, 12-Bit Deep Color Video
- » Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

HDMI® Features

- » **3D** – Capability to pass 3D stereoscopic signal formats
- » **4K** – 4096x2160/24 video resolution support for commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics and etc.

System Design Example



*To connect DVI, use HDMI to DVI adapters

Specifications

Technical:

- » Inputs: 1 HDMI connector
- » Outputs: 8 HDMI connectors
- » Bandwidth: 10.2 Gb/s TMDS bandwidth
- » Link: Single Link: 1080p/60, 12 bit color depth, 1920x1200 max.
- » DDC Signal (Data): Input DDC Signal: 5 Volts p-p (TTL)
- » HDMI® and HDCP Licensing: Fully licensed and compatible with all HDMI and HDCP technologies
- » HDMI Video/Audio Signal: Input Video Signal: 1.2 Volts p-p
- » HDMI Connector: Type A, 19 Pin Female
- » DDC Communication: EDID and HDCP Bi-directional Transparency from Display to Source
- » EDID Control: Any of the active outputs connected via HDMI, or from an internal library of 6 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: L = 17" W = 4" H = 1.75"
- » Shipping Carton Size: L = 18.75" W = 9.75" H = 3.75"
- » Product Weight: 3.2 lbs
- » Shipping Weight: 5 lbs
- » Accessories: Rack Ears, UL Certified Power Supply

