

HDMI Switchers



KD-HDMI4X1

HDMI/DVI Switcher capable of switching 4 HDMI/DVI Inputs to 1 HDMI/DVI Output



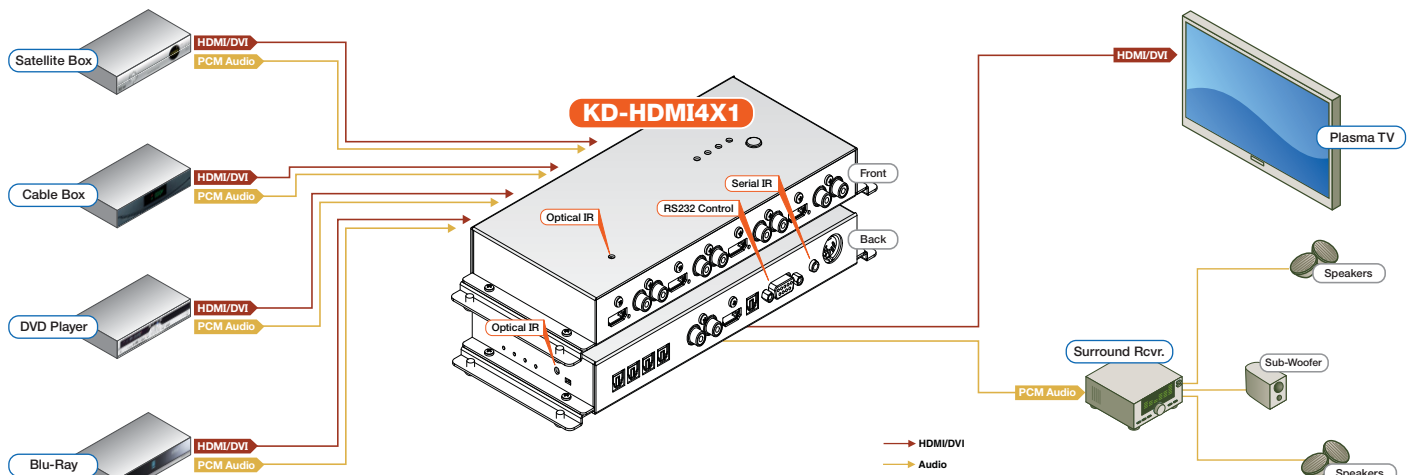
Key Features

- › Switches 4 HDMI/DVI video sources with analog or digital (PCM, Optical, or HDMI) audio to 1 HDMI/DVI Output
- › 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
- › Full support for HDCP and HDMI 1.3a/b
- › Automatic sensing of signal presence and switching to active input

Key Benefits

- › Expand your system's HDMI/DVI input capabilities and provide a one cable solution to the display and/or A/V receiver
- › HDMI Path eliminates EDID interference when switching from input to output
- › Audio Inputs provide flexible integration of HDMI/DVI sources, and allows audio to be routed to A/V receivers as well as the display
- › Serial IR, Optical IR, Front Panel, Discrete Remote Codes, & RS-232 control. Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, lifeWare™, RTI®, Savant, Universal®, Xantech®

System Design Example



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

Specifications

Technical:

- › Inputs: 4 HDMI Connectors, 4 Toslink Connectors, 4 Pairs Left Right RCA for Stereo Audio or 4 RCA for S/PDIF
- › Outputs: 1 HDMI Connector, 1 Toslink Connector, 1 pair Left Right RCA for Stereo Audio or 1 RCA for S/PDIF connectors
- › Bandwidth: 10.2 Gb/s TMDS bandwidth
- › Compliance w/ HDMI Standards: Supports HDMI1.4, HDMI1.3, HDMI1.2, HDMI1.1, DVI1.1 and HDCP
- › Link: Single Link: 1080p/60, 12 bit color depth, 1920x1200 max
- › Deep Color Support: Supports Digital Video Formats in Deep Color Mode at up to 12 bits/color
- › Lossless Compressed Digital Audio: Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)
- › HDMI Video/Audio Signal: Input Video Signal: 1.2 Volts p-p
- › HDMI Connector: Type A, 19 Pin Female
- › I2C Communication: EDID and HDCP Transparency from Display to Source
- › Switching: Switching of all Video and Audio simultaneous
- › Power: External Power Supply. 5V / 5A, 110-240 VAC, 50-60 Hz

General

- › Regulation: CE, RoHS, WEEE
- › Rack Mount: Attached Mounting Flanges
- › Enclosure: Black Metal
- › Product Dimensions: L = 10.38" W = 4.75" H = 1.5"
- › Shipping Carton Dimensions: L = 17" W = 5" H = 5.5"
- › Product Weight: 3.5 lbs
- › Shipping Weight: 4 lbs
- › Accessories: IR Remote Control, UL Certified Power Supply