

HDMI®/DVI via CAT5e/6 Matrix Switchers



KD-HDMSW4X4 NEW

HDMI/DVI Matrix Switcher capable of switching up to 4 HDMI/DVI Video Sources/Inputs to 4 independent Zones/Outputs via HDMI/DVI and CAT5e/6 with included (4) KD-CATHD4X4Rx Baluns



Key Features

- Simultaneous availability of HDMI/DVI and CAT5e/6 outputs
- Full switching of 2 independent matrixes: HDMI/DVI Audio/Video, one-directional IR or RS-232 Tx to Rx
- 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 / VGA (RGBHV): From 640x480p up to 1920x1200p
- Supports lossless compressed digital audio:
 - Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio
- Internal EDID Library features 9 default EDID configurations, in addition to Native EDID data for any Output/Display
- Supported HDMI® 1.4 Features: 3D Ready, 4K Resolution Support

Key Benefits

- Transmits 1080p/60Hz up to 75 ft. 1080i and all lesser resolutions up to 100 ft. when used with included KD-CATHD4X4Rx receiver Baluns
- Video, Audio, IR and RS-232 distribution via two CAT5e/6 cables
- 8 active outputs (4 HDMI/DVI and 4 CAT5e/6) enables flexible integration
- External Serial IR routing is also available to control your displays remotely
- Serial IR, Optical IR, Front Panel & RS-232 control
- Supports major control systems such as AMX®, Control4®, Crestron®, RTI®, Universal®

Specifications

Technical:

- Input (Each): 1 HDMI; 1 wired IR or RS-232 on 3.5 mm stereo jack connector per slot
- Output (Each): 1 HDMI; 2 CAT5e/6 on RJ-45 connectors;
- Bandwidth: TMDS bandwidth 10.2 Gb/s
- Control: Front panel push buttons and LED's; IR sensor front/rear; RS-232 Tx/Rx lines with full bi-directional operation
- Video/Audio Matrix Switching: Full matrix switching for HDMI/DVI Video matrix
- RS-232 Control Matrix: Full bi-directional RS-232 input/output
- Wired IR Control Matrix: Each input/output section wired IR and unit wired IR can be switched into matrix in bi-directional operation to any of the inputs/outputs
- EQ adjustment: Precise auto-adjustment, distance measurement on Rx Balun or CAT5e/6 Input.
- Link and Range: 1080p/60, 1920x1200 max. up to 75 ft. 1080i/60, 720p, 1080p/24 up to 100 ft.
- Deep Color Support: Digital video formats in Deep Color Mode at up to 10 bits/color
- HDMI® and HDCP Licensing: Fully licensed and compatible with all HDMI and HDCP technologies
- EDID Control: Each input EDID is either a choice of any of the active zone displays connected via HDMI/DVI or CAT5e/6 to the outputs or form internal library of 9 default EDID's
- DDC Signal (Data): Input DDC Signal: 5 Volts p-p (TTL)
- HDMI Video/Audio Signal: Input Video Signal: 1.2 Volts p-p
- DDC Communication: EDID and HDCP Bi-directional Transparency from Display to Source

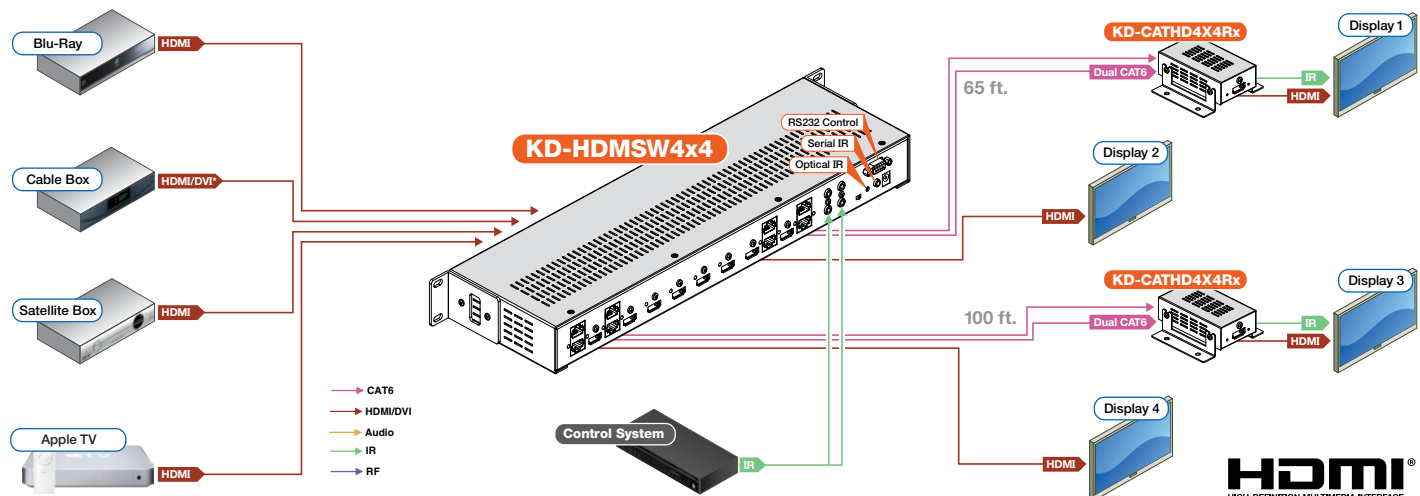


General

- Regulation: CE, RoHS, WEEE
- Rack Mount: 1U
- Kit Includes: (4) KD-CATHD4X4Rx Receiver Baluns, (4) 3 ft. & (4) 6 ft. HDMI Cables
- Accessories: IR Remote Control, (4) KD-PS5V2A UL Certified Power Supply - 12V / 2A
- Product Dimensions: L = 17.5" W = 5.2" H = 1.75"
- Product Weight: 6 lbs. plus 0.5 lbs. for Rx Baluns
- Shipping Weight: 10 lbs
- Enclosure: Black Metal



System Design Example



*To connect DVI, use HDMI to DVI adapters. HDMI is a registered trademark of HDMI Licensing, LLC & HDMI.org

