HDMI® via Dual CAT5e/6 Matrix Switchers

CHAMPION SERIES™

KD-4X4XC ▸NEW

4 Inputs to 4 Outputs HDMI via Dual CAT5e/6 Matrix Switcher
Includes (4) KD-CATHD4X4Rx Baluns

3D READY   4K RESOLUTION SUPPORT

Advanced 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.
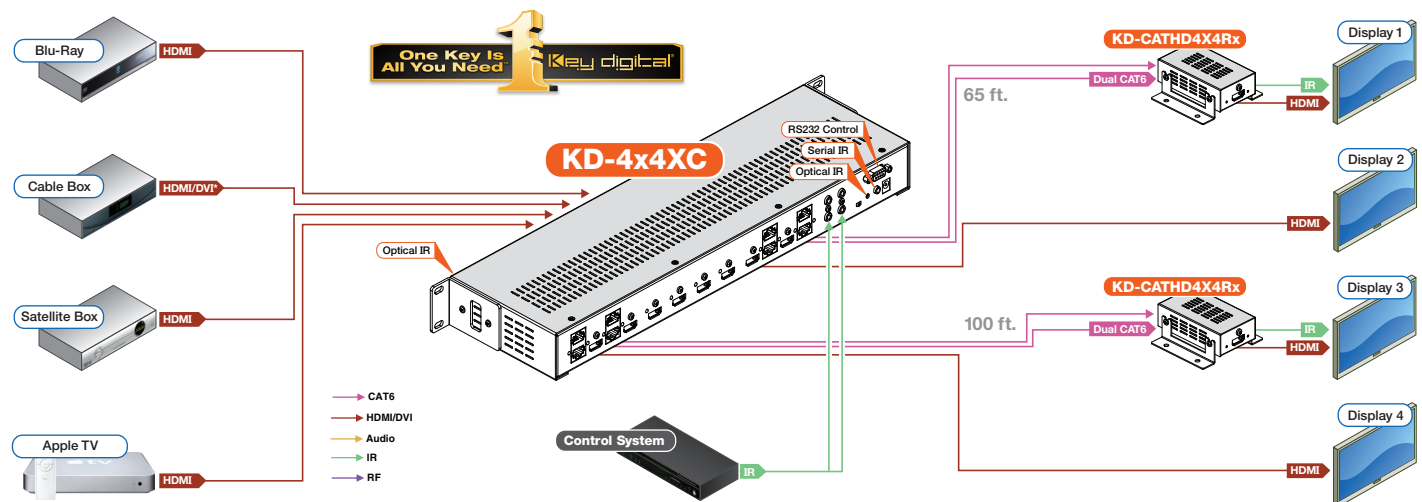
Key Features

❯ Full switching of 2 independent matrixes: HDMI Audio/Video, one-directional IR Tx to Rx

❯ Simultaneous availability of HDMI and CAT5e/6 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 / 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

❯ Light Buffer Technology (LBT™) dynamic signal re-clock

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

❯ 2 active outputs per zone provide 8 total outputs (4 HDMI and 4 CAT5e/6) in a 4X4 configuration enabling flexible integration options

❯ IR signals may be routed from your control system, through the switch to your display location over CAT5e/6 for full control of your display or other remotely located devices

❯ Serial IR, Optical IR, Front Panel & RS-232 control

❯ Supports major control systems such as Compass Control®, AMX®, Control4®, Crestron®, RTI®, Universal®

Specifications

Technical:

» **Input (Each):** 1 HDMI; 1 wired IR on 3.5 mm stereo jack connector per slot

» **Output (Each):** 1 HDMI; 2 CAT5e/6 on RJ45 connectors;

» **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 Video matrix

» **Wired IR Control Matrix:** Each input/output section wired IR and unit wired IR can be switched into matrix in uni-directional operation to any of the inputs/outputs

» **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 12 bits/color

» **HDMI® and HDCP Licensing:** Fully licensed and compatible with all HDMI and HDCP techologies

» **EDID Control:** Each input EDID is either a choice of any of the active zone displays connected via HDMI or CAT5e/6 to the outputs or form internal library of 9 default EDID's

» **DDC Communication:** EDID and HDCP Bi-directional Transparency from Display to Source

General

» **Regulation:** CE, FCC, RoHS, WEEE   » **Rack Mount:** 1U

» **KD-4x4XC Power:** External Power Supply - 12V/2A

» **Accessories:** IR Remote Control, (4) KD-PS5V2A UL Certified Power Supply - 12V / 2A

» **KD-4x4XC Product Dimensions:** 17.125" W x 5.50" D x 1.75" H

» **KD-CATHD4x4Rx Product Dimensions:** 3.25" W x 1.875" D x .875" H

» **KD-4x4XC Product Weight:** 4.05 lb.   » **KD-CATHD4x4Rx Product Weight:** .25 lb

» **Shipping Weight:** 10 lb   » **Enclosure:** Black Metal

System Design Example

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

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