HDBaseT™/HDMI® Matrix Switchers with built-in Compass Control®

*Digital IQ series*

# KD-HD4x4Lite

4 Inputs to 4 Outputs HDBaseT/HDMI via Single CAT5e/6 Matrix Switcher. Includes 4 KD-CATHD250POHRx Receiver Extenders and 4 KD-IRE3501F IR emitters to control IR controllable devices.

*COMPASS CONTROL INSIDE*

## Key Features

› **Simultaneously Active:** 4 HDBaseT (CAT5e/6 RJ45) and 4 HDMI outputs with fully automatic CAT5e/6 cable equalization. Supports up to 8 TVs (4 mirrored)

› **Compass Control® Inside:** Key Digital's Compass Control® control system is built-in, negating the need for an external master controller (supports up to 11 control ports)

› **HDBaseT:** Utilized on CAT5e/6 RJ45 outputs

› **Signal Extension:**
  » Up to **210 feet** @ 1080p/60, 1080p/24, 1080i, 720p
  » Up to **120 feet** @ 4K/Ultra HD with KD-CATHD250POHRx extenders and approved Key Digital CAT5e/6 cabling

› **3D Ready:** Capability to pass 3D stereoscopic signal formats

› **Ultra HD/4K:** 4K x 2K video resolution support for Ultra HD capable TVs and commercial applications such as Digital Movie Theaters, CAD, Post Production

› **Audio Return Channel:** Allows audio to be returned from a display to an HDMI output, for audio distribution (HDMI outputs only, using 3.5mm I/O port and 3.5mm to PCM cable)

› **Audio Return without ARC:** Audio may be returned from a display lacking ARC, by using Key Digital's *KD-IQJUMP12FM* and *KD-35MMAIRH* jumper cables

› **EDID:** Internal library with 15 default EDID configurations for each input, in addition to native EDID data for any Output/Display

› **Full Buffer™ Technology**: Full buffering of HDCP and EDID, for seamless switching and viewing of any source/input to any display/output, regardless of multiple output viewing relation

› **TMDS re-clocking**: Support for long HDBaseT/CAT5e/6 or HDMI connections and daisy chain configurations

› **Voltage Trigger:** I/O ports may be used as a voltage trigger in Compass Control® system

› **Relay Support:** 3.5mm I/O ports may be used as relays to support contact closure/opening, when used with an external relay board
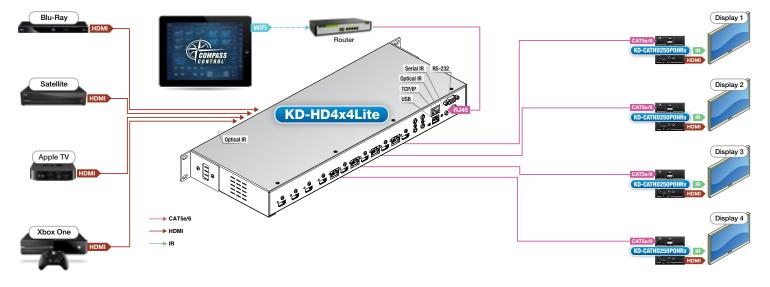


x4 | HDBT™ HDMI® | 3D | Ultra HD/4K

› **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™

› **Deep Color Support:** Up to 12 bits/color

› **Control Routing:** Enables bi-directional IR/RS-232 control signal extension

› **Control:** Front panel push buttons and LEDs, TCP/IP, USB Port, Optical IR front/rear, Serial IR, RS-232 with full bi-directional operation

› **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Honeywell®, HAI®, Leviton®, etc.

## Specifications

» Input (Each): HDMI
» Output (Each): HDMI and Single CAT5e/6 on RJ45
» Wired IR: modulated IR signal input, 0-5V TTL or -10to +10V.
» Rack Mount: 2U, Full Rack Width (rack ears included)
» Power Supply: KD-PS6V11A, 6V/11A, 100-240VAC, 50-60Hz, NEMA 5-15P Cord
» Accessories: IR Remote Control, 6 ft. USB Data Cable
» Regulation: CE, RoHS, WEEE
» Enclosure: Black Metal
» Product: 17.13" x 5.5" x 1.75", Weight: 5.5 lbs.
» Packaging: 21.4" x 9" x 6.9", Weight: 12.1 lbs.

*LIMITED 10 YEAR WARRANTY*

## System Design Example