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

KD-HD4x4Lite

4 Inputs to 4 Outputs HDBaseT/HDMI via Single CAT5e/6 Matrix Switcher.
Includes 4 KD-CATHD250POHRx Receiver Extenders.
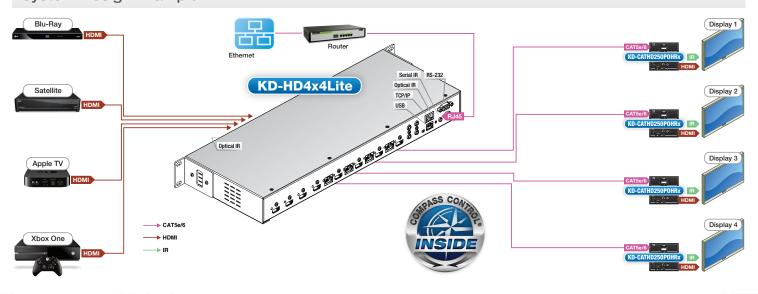
Key Features

> **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)

> **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

> **4K/Ultra HD:** 3840x2160/30Hz/24Hz video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics

> **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/Sensors:** I/O ports may be used as a voltage trigger/sensor

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

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

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

> **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)

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

> **Control:** Front panel push buttons and LEDs, 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.
» Power Supply: +6V/11.6A (70W)
» Rack Mount: 2U, Full Rack Width (rack ears included)
» Accessories: IR Remote Control, 8 HDMI Cable Clips, 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.

System Design Example