Key Digital KD-Pro6x6CC 6x6 HDBaseT/HDMI via Single CAT5e/6 Matrix Switcher

6 Inputs to 6 Outputs HDBaseT/HDMI via Single CAT5e/6 Matrix Switcher with built-in Compass Control® system, supports Ultra HD/4K and HDCP 2.2. Includes 3 KD-XSWRx Receiver Extenders.

Features:

- **Simultaneously Active:** 6 HDBaseT (CAT5e/6 RJ45) and 6 HDMI outputs with fully automatic CAT5e/6 cable equalization. Supports up to 12 TVs (6 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 27 control ports)
- **Includes:** 3 KD-XSWRx Receiver Extenders
- **HDBaseT:** Utilized on CAT5e/6 RJ45 outputs
- **Signal Extension:**
- Up to 250 feet @ 1080p/60, 1080p/24, 1080i, 720p
- Up to 150 feet @ 4K/Ultra HD with KD-XSWRx extenders and approved Key Digital CAT5e/6 cabling. Compatible with third-party CAT5e/6 with lesser distance performance.
- **Ultra HD/4K:** 4096x2160/24 video resolution support for Ultra HD capable TVs and commercial applications such as Digital Movie Theaters, CAD, Post Production
- **HDR:** Supports High Dynamic Range technology with EDID copy from HDR supporting display
- **3D Ready:** Capability to pass 3D stereoscopic signal formats
- **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)
- **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 the fastest possible 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 many layers of connectivity
- **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
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus, Dolby® Atmos 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
- **Control System Support:** Compatible with Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton®, etc.