

**PR Contact:**

Masha Lakhter  
914.667.9700 xt. 210  
[masha@keydigital.com](mailto:masha@keydigital.com)

**FOR IMMEDIATE RELEASE**

Product Link: [KD-Pro8x8D](#)

## Key Digital's HDMI / HDBaseT Video Matrix Adds Audio Pre-Amp Functionality and ARC

KD-Pro8x8D represents multiple generations of system design and integration experience

**MOUNT VERNON, NY – June 25, 2019** – Key Digital, the award winning manufacturer of professional AV and control systems introduces the [KD-Pro8x8D](#) a UHD/4K, HDCP 2.2, and ARC supporting digital video matrix with audio de-embedding on analog and digital audio connectors. Video outputs feature simultaneously active HDMI and HDBaseT ports for simplistic single-wire integration with displays throughout the distributed video system. Six short range (model KD-X88SHRx) and two long range extenders (model KD-X88LGRx) deliver UHD/4K video up to 125 ft. and 300 ft. respectively and are powered at the matrix switch. IR and RS-232 control routing adds up to 34 control ports to third-party control systems.

*“KD-Pro8x8D represents multiple generations of previous products that have evolved to meet the demands of the bulk of our matrixing installations. Mirrored HDMI and HDBaseT outputs provide ideal connectivity for near and far viewing and integration with surround receivers in rack. They also enable additional displays and added value, which our installers find especially popular with applications such as sports bars,” said Jonathon Ferry, National Training Manager. “Audio Return Channel via HDBaseT on two of the eight outputs addresses popular demand in a way that keeps pricing realistic for the system. The addition of audio de-embedding and pre-amp functionality combined with Key Digital App-ready control of switching and volume per output result in a simplified installation that is user-friendly.”*

The KD-Pro8x8D is a full kit including the matrix, six KD-X88SHRx Standard-Range extenders, and two KD-X88LGRx Long-Range extenders all with the great benefit that they are powered over HDBaseT. The matrix has two power connections, one of which is for the matrix and one for all eight of the receive units. The Standard-Range is capable of extending UHD/4K signals up to 125ft (40m) at 4096x2160/60 [4:2:0] and 200ft (70m) at 1080p/60. The Long-Range extenders are capable of extending UHD/4K signals up to 300ft (100m) at 4096x2160/60 [4:2:0] and 500ft (150m) at 1080p/60. All HDBaseT receivers are powered at the matrix.

Each of the eight poutputs on the KD-Pro8x8D features audio de-embedding with DSP control. Analog L/R balanced/unbalanced and coax digital connectors output the audio from the selected audio source or

returned audio (ARC) from the connected display. Variable control of all pre-amp features including volume, muting, 3 band EQ, and lip-sync delay enable the audio outputs to feed immediately into power amplifiers and systems. So in addition to handling video distribution needs the KD-Pro8x8D is also an ideal hub for audio distribution.

Each video source may be routed to a separate output set consisting of an HDMI and an HDBaseT transmitter. Both output connections are simultaneously active, allowing for support for up to 16 displays with 8 mirrored, with many bar-restaurant applications deploying mirroring with this product. Using HDBaseT technology, the outputs can carry video, audio, and control signals over longer distances than traditional HDMI based wiring.

KD-Pro8x8D features support of HDR10 (High Dynamic Range) video which allows users to experience more life-like images through a greater range of luminance levels. Key Digital's HDR10 delivery is handled as part of their proprietary Full-Buffer Technology (FBT). Studies have concluded that viewers prefer video signals with more contrast ratio vs higher resolution. This matrix switcher delivers the highest possible support across both of these highly sought after features.

This product joins a suite of Key Digital IP enabled products that are now Key Digital App-ready. The engineers at Key Digital have created a simple way for installers and users to switch inputs and control volume and muting of the Key Digital system as if you were standing in front of the unit- all from your iOS device. The KD-App can be downloaded free from the App Store.

### **About Key Digital®**

Led by the “Father of DVD”, Mike Tsinberg, Key Digital® is an InfoComm, CEDIA, CES, and NAHB award winning manufacturer of professional distributed video and control system equipment.

Since 1999, Key Digital has lead the constantly evolving A/V industry by designing products that deliver industry leading quality, performance, and reliability to corporate, bar & restaurant, digital signage, education, government, and house of worship applications.

Key Digital products are designed and engineered in-house in Mount Vernon, NY. Superior quality, ease-of-installation, and versatility are the result of strenuous research, development, and testing. Expertise and unparalleled knowledge have created a unique hardware-software suite solution ideal for the consultants, designers, and installation firms of the A/V industry. Key Digital® is known to deliver best-in-class products based on quality, performance, and reliability.

For more information, visit our webpage at <http://www.keydigital.com>.

