Key digital

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Product Link: *KD-Pro8x8D*

Houses of Worship Believe in the Benefits Provided by Key Digital's HDMI HDBaseT Video Matrix with Audio De-Embed and DSP

KD-Pro8x8D Matrix Switcher de-embeds audio from supported or non-supported ARC displays via HDMI and TOSLINK external audio connections

MOUNT VERNON, NY – May 17, 2018 – Key Digital, the award winning manufacturer of professional AV and control systems introduces the **KD-Pro8x8D**. Key Digital knows the importance that AV technology has in the multifaceted sector of Houses of Worship. From the smallest chapel to the largest cathedral, Houses of Worship are looking to update established infrastructures and expand into new construction using the latest and greatest that the AV world has to offer. **The KD-Pro8x8D** professional Matrix Switcher with ARC, Audio DSP, six standard-range, and two long-range HDBaseT receivers is the high-performance unit built to perfectly harmonize into any Houses of Worship application. This versatile matrix switcher is compliant with HDCP2.2 standards, enabling distribution of encrypted content from popular playback devices in addition to non-encrypted content created church members in daily sermons and bible study sessions.

KD-Pro8x8D features audio de-embedding with DSP control per output. Analog L/R balanced/unbalanced and a coax digital connectors output the audio from the selected audio source or returned audio (ARC) from the connected display. This feature set perfectly accommodates the needs for the audio from localized presentations in congregation and bible study rooms to be returned and played through amplified speakers within the system.

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. Lossless compressed digital audio formats such as Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio are passed through the HDMI connections.

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 (8 mirrored). Using HDBaseT technology, the outputs can carry video, audio, and control signals over longer distances than traditional HDMI based wiring. The six standard range receive units (model KD-X88SGRx) extend UHD/4K signals up to 125ft (40m) at 4096x2160/60 [4:2:0] and 200ft (70m) at 1080p/60. The two long range receive units (model KD-X88LGRx) extend 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.

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 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 Key Digital 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*.