Key Digital KD-MS4x4G 4x4 4K/18G HDMI Matrix Switchers with Independent Audio Switching/Balanced/Unbalanced Audio

4x4 4K/18G HDMI Matrix Switchers, with Independent Audio Switching, Balanced/Unbalanced Audio, Audio De-embedding of Analog L/R/PCM

Key Digital's KD-MS4x4G and KD-MS8x8G are 4K matrix switchers with support of 18Gbps signal bandwidth and HDCP 2.2 for routing and distributing 4/8 HDMI source signals to 4/8 displays. KDMS4x4G and KD-MS8x8G feature 4/8 analog and digital audio outputs which may be independently controlled to follow the HDMI output selection or separately switched to accommodate a wide variety of usage applications in professional AV systems integration. KD-MS4x4G/KD-MS8x8G supports all SD, HD, VESA and Ultra HD/4K video standards up to and including UHD/4K 18G and 1080p. All UHD/4K EDID handshake files include HDR header information

Features:

- **HDMI Matrix Switching:** 4 HDMI sources to 4 HDMI outputs
- **Ultra HD/4K Support:** 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- **HDCP Licensing:** Fully licensed and compatible with HDCP 2.2
- **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- **Resolution Support:** Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) up to 4096x2160p
- **Deep Color Support:** Up to UHD/4K 60Hz 4:2:0/12 bits, 60Hz 4:2:2/12 bits
- **Independent Audio and Video Matrix:** Output HDMI and Audio ports may switch together or independently
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- **EDID:** Internal library with 15 internal EDID configurations per input, in addition to native EDID data for any Output/Display
- **TMDS re-clocking:** Long HDMI connectivity support with Key Digital® HDMI cables
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™, and Dolby® Atmos
- **Control:** Front panel buttons/LEDs, Serial IR, Optical IR, RS-232 Control, and TCP/IP Control
- **Control System Support:** Key Digital® app ready. Key Digital Management Software™ Pro (KDMS™ Pro) ready, Compass Control® Pro ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.
- **Key Digital® App & KDMS® Pro Ready:** Scan & detect population for pre-built GUI and TCP/IP control via Key Digital® iOS App and Key Digital Management Software™ Pro (KDMS™ Pro) PC Software