

# KD-MAX8x8

8x8 Audio Matrix Switcher with built-in Audio DSP

## Key Features

- » **Multi-format Audio Multiplexing:** DSP per output for independent matrix selection
  - » Analog to Analog Matrix with DSP
  - » Digital to Analog Matrix with DSP
  - » Digital to Digital Matrix
  - » Analog to Digital Matrix
- » **Audio DSP:** Variable level settings for volume, muting, 3-band EQ, balance, and lip-sync delay per balanced output
- » **Audio Delay:** Variable level set from 0ms to 170ms
- » **Audio Conversion:** Analog to digital. Digital to analog
- » **Balanced or Unbalanced:** Input audio type may be specified per input
- » **Lossless Compressed Digital Audio:** Dolby® and DTS surround up to 5.1ch pass-thru
- » **Long Cable Runs:** Enabled by balanced audio connection, signals may be run up to 1,000 ft.
- » **Expansion Configurations:** Custom configurations available for incrementally expansion using multiple units
  - » Up to 8 sources/inputs with up to 64 zones/outputs
  - » Up to 16 sources/inputs with up to 64 zones/outputs
  - » Up to 24 sources/inputs with up to 32 zones/outputs
  - » Up to 32 sources/inputs with up to 32 zones/outputs
- » **Control Integration:** TCP/IP, RS-232, and USB with full bi-directional operation, front panel push buttons and LEDs, front/rear optical IR, serial IR,
- » **Control System Support:** Key Digital® App ready, Compass Control® Pro ready, KD-Wizard® ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API: AMX®, Crestron®, Control4®, KNX®, RTI®, Savant, URC®, Leviton® etc.
- » **Key Digital® App Ready:** Scan & detect population for pre-built GUI and TCP/IP control via Key Digital® App



## Specifications

- » Input (each): Balanced/unbalanced line level audio on 6-pin terminal block. Accepts 2VRMS line audio input with a sampling rate of 48KHz
- » Input (each): RCA female for digital audio following SPDIF format (IEC 60958). Supports sampling rate up to 192KHz
- » Output (each): Balanced/unbalanced line level audio on 6-pin terminal block. Drives 2VRMS line audio input with a sampling rate of 48KHz
- » Output (each): RCA female for digital audio following SPDIF format (IEC 60958). Supports sampling rate up to 192KHz
- » Regulation: CE, RoHS, WEEE
- » Rack Mount: 1U, 1 Rack Width (rack ears included)
- » Enclosure: Black Metal
- » Product Dimensions: 17.5" x 7" x 1.75"
- » Shipping Carton Dimensions: 23.5" x 11" x 4.5"
- » Product Weight: 6 lb
- » Shipping Weight: 9 lb.

## System Design Example

