# Key Digital KD-MAX32x32KIT 32x32 Audio Matrix Switcher with build-in Audio DSP (KIT 16 Units of KD-MAX8x8)

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**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