FAT BOY SERIES™

KD-MXA8X8Pro

Product Link

8 Inputs to 8 Outputs Audio Matrix Switcher, supports Analog L/R & Digital PCM Audio, with Audio Control of Volume, Balance, Bass, Middle, Treble, Lip-Sync, Mute

Key Features

- **Two Independent Matrix Switchers**: L/R Analog Stereo & Digital PCM / Composite Video
- **Powered by Eight DSP's**: one for each output that can be assign to Audio Stereo or PCM. Each DSP can independently control: Volume, Balance, Bass, Middle, Treble, Lip-Sync, Mute.
- **Two Matrix Switchers and Eight DSP's** produce Four combinations below:
  - a. Analog Stereo pass through DSP, PCM pass direct without DSP. Analog Stereo and PCM can have independent switching positions and different audio.
  - b. Analog Stereo has independent switching position but PCM inputs are disabled. The Output PCM is mirrored from Analog Stereo output. All DSP controls work on Analog Stereo and PCM output simultaneously. Both Analog Stereo and PCM have the same Audio.
  - c. PCM has independent switching position but Analog Stereo inputs are disabled. The Output Analog Stereo is mirrored from PCM output. All DSP controls work on Analog Stereo and PCM output simultaneously. Both Analog Stereo and PCM have the same Audio.
  - d. PCM pass through DSP, Analog Stereo pass direct without DSP. Analog Stereo and PCM can have independent switching positions and different audio. Has virtually no crosstalk because of the digital nature of matrix switcher.
- **Four Output Modes via 1 DSP per Output:**
  - **Bypass**: L/R Analog in to L/R Analog out with audio control, PCM in to PCM out without audio control (bypass)
  - **Composite Video Bypass**: L/R Analog in to L/R Analog out with audio control, Composite Video in to Composite Video out
  - **Analog to Digital:** L/R Analog in to L/R Analog out with audio control, L/R Analog in to PCM out with audio control
  - **Digital to Analog**: PCM in to L/R Analog out with audio control, PCM in to PCM out without audio control

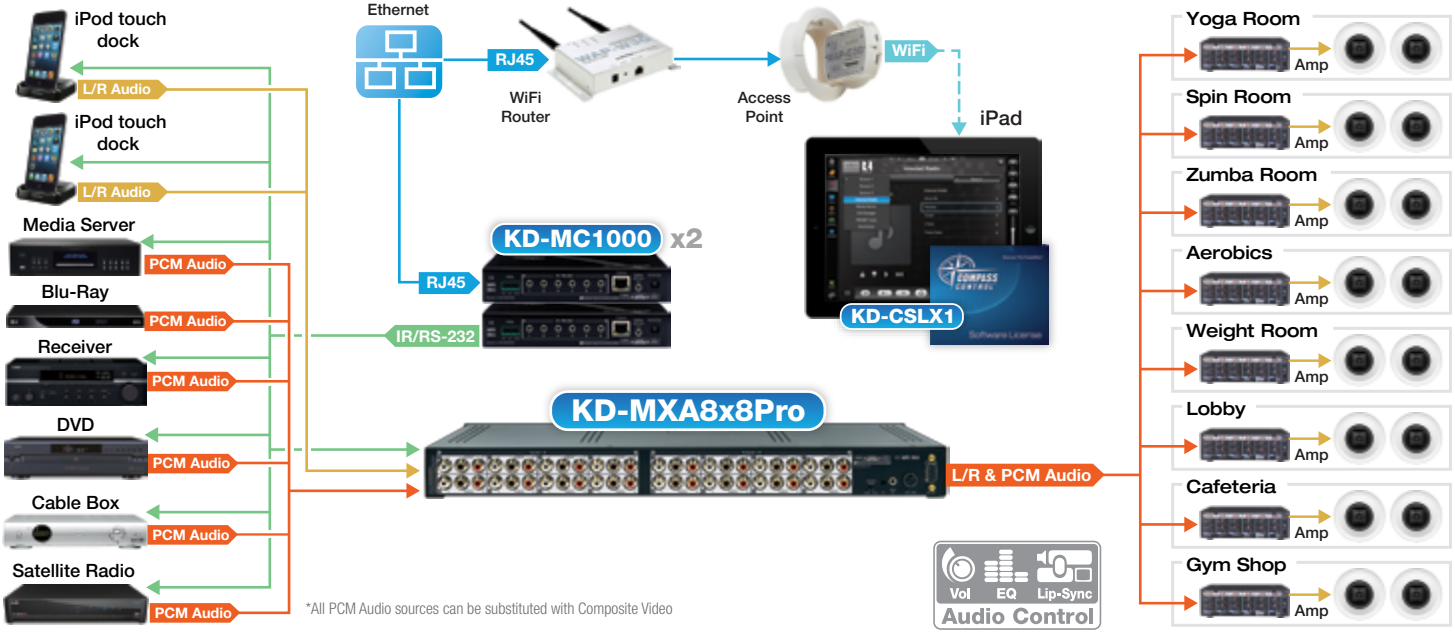
- **Audio Control:** Volume, balance, bass, mid, treble, lip-sync, muting for 2ch audio
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **RG6 Cable Runs:** Up to 300 ft. without signal degradation
- **Control:** Front panel buttons and LEDs, Serial IR, Optical IR, RS-232 control
- **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, etc.
- **Matrix Expansion:** Custom configuration SKUs available
  - Can be incrementally expanded (with additional units) up to 8 Sources/Inputs to 48 Zones/Outputs or 16 Sources/Inputs to 48 Zones/Outputs.
  - 16x16 (shown) capable of up to 16x48

Specifications

- Analog Audio Max Input/Output Level: 4dBu on 50kΩ, AC / 4dBu on 150kΩ, DC
- Audio Bandwidth: 20Hz to 20kHz @ 0dBu
- TND + Noise: 0.33% @0dBu @ 1kHz
- PCM Max Input/Output Level: 1Vpp on 75Ω
- Rack Mount: 1U, Full Rack Width (rack ears included)
- Regulation: CE, RoHS, WEEE
- Accessories: IR Remote
- Product: 17.5" x 7" x 1.75", Weight: 6 lbs.
- Enclosure: Black Metal
- Packaging: 23.5" x 11" x 4.5", Weight: 9 lbs.
- Power Supply: KD-PS6V7A, 6V/7A, 100-240VAC, 50-60Hz, NEMA 5-15P Cord

LIMITED 10 YEAR WARRANTY

System Design Example



*All PCM Audio sources can be substituted with Composite Video