

# Specifications

## System Requirements:

### Mac OS:

- ▶ Computer: Intel Mac 1.5GHz or faster
- ▶ Memory: 2 GB RAM minimum, 4 GB recommended
- ▶ OS: 10.6.8, 10.7.4 or greater
- ▶ Connection and power: Any available USB port on a Mac
- ▶ Power: DC Power supply included



### iOS:

- ▶ iOS version: 5.1.1 and later
- ▶ Connection: 30-pin dock connector
- ▶ DC Power supply included

### iOS device compatibility (Lightning connector)

- ▶ iPod touch\* (5th generation)
- ▶ iPhone 5\*
- ▶ iPad\* (4th generation)
- ▶ iPad mini\*

\* Requires Apple's [Lightning to 30-pin adapter](#). Sold separately.

### iOS device compatibility (30-pin connector)

- ▶ iPod touch (4th generation)
- ▶ iPhone 4s
- ▶ iPhone 4
- ▶ iPad (3rd generation)
- ▶ iPad 2
- ▶ iPad



iPod touch 4th generation 8GB 32GB 64GB

iPhone 4S 16GB 32GB 64GB

iPhone 4 16GB 32GB



iPad 3rd generation 16GB 32GB 64GB

iPad 2 16GB 32GB 64GB

iPad 16GB 32GB 64GB



## Compatible Software:

- ▶ Mac
  - ▶ Any Mac Core Audio compatible application
  - ▶ Recommended apps: Logic, GarageBand, MainStage, Final Cut, Pro Tools, Ableton Live, Digital Performer, Studio One, Cubase, and Nuendo
- ▶ iOS
  - ▶ Any iOS Core Audio compatible app. Recommended apps: GarageBand, Auria

## Features:

- ▶ USB 2.0 High-speed Mac audio interface
- ▶ 4 Analog Inputs:
  - ▶ Combination line (balanced +20dBu max)
  - ▶ Mic/Instrument (+20dBu/+14dBu max)
  - ▶ 4 Microphone preamps with up to 75dB of gain
  - ▶ Selectable 48v phantom power, Soft Limit and phase invert
- ▶ Digital Inputs:
  - ▶ ADAT/SMUX Input, 8 channels, 2 Toslink connectors, 44.1kHz to 96kHz
  - ▶ MIDI input (USB-A type connector)
- ▶ 8 Analog Outputs:
  - ▶ 6 Balanced line outputs, +20 dBu maximum output level
  - ▶ 1 Independent 1/4" stereo headphone output
- ▶ Digital Outputs:
  - ▶ MIDI output (USB-A type connector)
  - ▶ Word clock output on BNC connector
- ▶ A/D and D/A conversion: 24 bit/192kHz
- ▶ 2 top panel high-resolution OLED displays
- ▶ Controller knob
- ▶ 6 touchpads for direct selection of inputs and outputs
- ▶ 3 assignable touchpads to control:
  - ▶ Mute Outputs
  - ▶ Dim Outputs
  - ▶ Sum to Mono
  - ▶ Clear Meters
  - ▶ Engage Speaker Set (allows monitoring of up to 3 pairs of speakers)

## Mic Pre:

- ▶ EIN: 128dB (un-weighted) @ 60dB, 150Ohm input
- ▶ Max input level: +20dBu
- ▶ Input impedance: 3KOhm

## Hi-Z:

- ▶ Max input level 14 dBu
- ▶ Input impedance: >2MOhm

## A/D conversion:

- ▶ Max input level (+4dBu ref): +20dBu
- ▶ Max input level (-10dBV ref): +6dBV
- ▶ Input impedance: 5KOhm
- ▶ Freq resp 20 Hz -20Khz: > +/-0.2dB (@44.1Khz)
- ▶ Rel. THD + N: -106dB (@ 96Khz)
- ▶ Dyn. Range: 114dB (A-weighted)

## D/A conversion:

- ▶ Max output level (+4dBu ref): +20dBu
- ▶ Max output level (-10dBV ref): +6dBV
- ▶ Line output impedance: 90 Ohm
- ▶ Max output level headphones: 19dBu
- ▶ HPH output impedance 30 Ohm.
- ▶ Freq resp 20Hz -20 KHz: > +/- 0.05dB (@44.1KHz)
- ▶ Rel. THD+N : -113dB (@96KHz)
- ▶ Dyn Range: 123dB (A-weighted)

## In the box:

- ▶ Quartet
- ▶ 2 meter USB Cable
- ▶ Universal Power Supply with standard 3 pin-IEC cable
- ▶ QuickStart Guide
- ▶ Instructions for download of software and complete documentation

