# M4 TECH SPECS

Technical Specifications

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| **Sample rates** | 44.1, 48, 88.2, 96, 176.4, 192 kHz |
| **Mic/line/guitar** | 2 x XLR/TRS "combo jack" mic/line/Hi-Z guitar inputs Independent preamp gain, 48V phantom power and monitor switch for each input |
| **Analog inputs** | 2 x 1/4" line in |
| **Analog outputs** | 4 x 1/4" TRS line out (balanced, DC coupled) 4 x RCA (unbalanced) analog out (mirrored) 1 x 1/4" TRS stereo headphone |
| **Computer I/O** | 1 x USB-C (compatible with USB Type A) 2.0 audio class compliant |
| **MIDI I/O** | 1 x MIDI IN 1 x MIDI OUT 16 MIDI channels to/from computer host |
| **Headphone** | 1 x 1/4" TRS stereo phone |
| **Phantom power** | 2 x individual +48V |
| **Front panel** | 1 x 1/4" TRS headphone output 2 x XLR/TRS combo inputs 1 x potentiometer • monitor vol 1 x potentiometer • phone vol 1 x potentiometer • input monitor mix 2 x potentiometer • mic/line/guitar input gain 5 x switches • (2) 48V, (2) MON and (1) 3-4 160 x 120 pixel full-colored LCD with input and output level meters |
| **Power** | Bus-powered through USB |
| **Dimensions and weight** | (width x depth x height, enclosure only) 8.25 x 4.25 x 1.75 inches 20.955 x 10.8 x 4.5 cm 1.55 lbs / 0.7 kg |

##  ****M4 Feature Highlights****

* 4-in / 4-out USB audio interface with studio-quality sound
* Best-in-class audio quality driven by ESS Sabre32 Ultra™ DAC Technology
* Best-in-class speed (ultra-low latency) for host software processing
* Best-in-class metering for all inputs/outputs with a full-color LCD
* 2x mic/line/hi-Z guitar inputs on combo XLR/TRS
* Individual preamp gain and 48V phantom power for each input
* 2x balanced 1/4-inch line inputs
* Hardware (direct) monitoring for each input (mono or stereo for inputs 1-2, stereo for inputs 3-4)
* Monitor mix knob to balance live inputs and computer playback
* Measured -129 dB EIN on mic inputs
* 4x balanced, DC-coupled 1/4-inch TRS outputs
* Measured 120 dB dynamic range on the 1/4-inch balanced TRS outputs
* 4x RCA (unbalanced) analog out (mirrored)
* 1x headphone out (driven by ESS converters) with independent volume control
* MIDI in/out
* Support for 44.1 to 192 kHz sample rates
* USB audio class compliant for plug-and-play operation on Mac (no driver required)
* Windows driver with 2.5 ms Round Trip Latency (32 sample buffer at 96 kHz)
* Mac driver (optional, for 2.5 ms RTL@32/96 kHz and loopback feature)
* iOS compatible (USB audio class compliant)
* Driver loopback for capturing host output, live streaming and podcasting
* Bus powered USB-C (compatible with USB Type A) with power switch (USB cable included)
* Rugged metal construction
* Workstation software included (MOTU Performer Lite 10 and Ableton Live Lite 10)
* 100+ instruments (in Performer Lite)
* Over 6 GB of included free loops, samples and one-shots from industry leading libraries
* Kensington security slot
* Two-year warranty