

Revolution 14x16

Revolution 14x16: The truly high-end recording interface with 2 Auteur Preamps with Cinemag® Transformers



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MASTER CONTROL FOR YOUR STUDIO.

The Revolution 14x16 is a class-compliant, 14-in / 16-out USB-C audio interface that delivers sterling Black Lion Audio audio quality, supreme clocking, and a robust suite of monitoring features unheard of in a 1U audio interface. It's expandable via ADAT for additional I/O; boasts superior connectivity for your external processors; and even includes two channels of Black Lion Audio-designed Auteur preamps. The unique Mix Edit feature lets you create a custom headphone mix for its three crystal-clear headphone amps. Patented **Macro-MMC** clocking ensures that any hardware you sync to your Revolution 14x16 will sound its absolute best.



AUTEUR PREAMPS BUILT-IN.

Channels 1 and 2 of the Revolution 14x16 proudly feature Black Lion Audio's Auteur preamps, which until now have only been available in our standalone preamp hardware. Auteur preamps deliver the best of both worlds of classic preamp designs — at lower gain levels, you get the fast attack of American-style preamps; a fantastic compliment for drums and rhythm guitar. Crank up the gain a bit, and you'll get the warmth and color of classic British preamps, which can be particularly flattering to vocals and bass. You can access the Auteur preamps by connecting to either the front or rear Channel 1/2 inputs.

Auteur preamps are transformer-coupled like classic consoles of yore; Cinemag transformers are responsible for the added harmonic weight and saturation when pushed.



UNRIVALED CONNECTIVITY AND EXPANDABILITY.

The Revolution 14x16 plays well with others. You get four mic/instrument preamps; channels 1 and 2 can be accessed from either the front or back of the unit. You also get 4 switchable insert/returns for connection to external hardware processors; you can A/B your signal at the touch of a button. The Return connections double as Line inputs for keyboards, synths, and other line-level devices. You can even use the Revolution 14x16 as a standalone mic preamp with no computer connection, thanks to the Insert/Return connections.

A secondary set of user-definable Analog Outs let you route two analog signals wherever you like. S/PDIF connections round out the package for connection to digital devices, and the Revolution 14x16 is readily expandable with an additional 8-in and 8-out over ADAT. (We recommend the Revolution EXP for this.)



VERSATILE MONITORING AND METERING.

Revolution 14x16's three crystal-clear, plenty-loud headphone amps let you and your collaborators produce music without worrying about feedback from your mains. Use the intuitive Mix Edit feature to quickly create a dedicated low-latency headphone mix from both hardware inputs and software playback.

Revolution 14x16's bright, eight-stage metering can be set to monitor Channel input levels, output levels, or even the input levels of the rear-mounted Channel Inserts. The main Monitor and Headphone Outputs are mono-summable.



SHOCKING CLOCKING.

Rest assured that your connected devices will run in perfect sync with the Revolution 14x16 thanks to patented Macro-MMC clocking. Macro-MMC was developed from our experience creating dedicated word clocks, as well as modifying many embedded clocks found in other recording interfaces. You'll get the best possible performance from its converters, and anything you connect via the BNC connections will benefit from maximum sync and ultra-low jitter; minimizing the phase distortions that can muddy your high-end and dull your transients.

If you've already invested in a clock you like, that's fine – the Revolution 14x16 graciously accepts clock in.

SPARED NO EXPENSE.

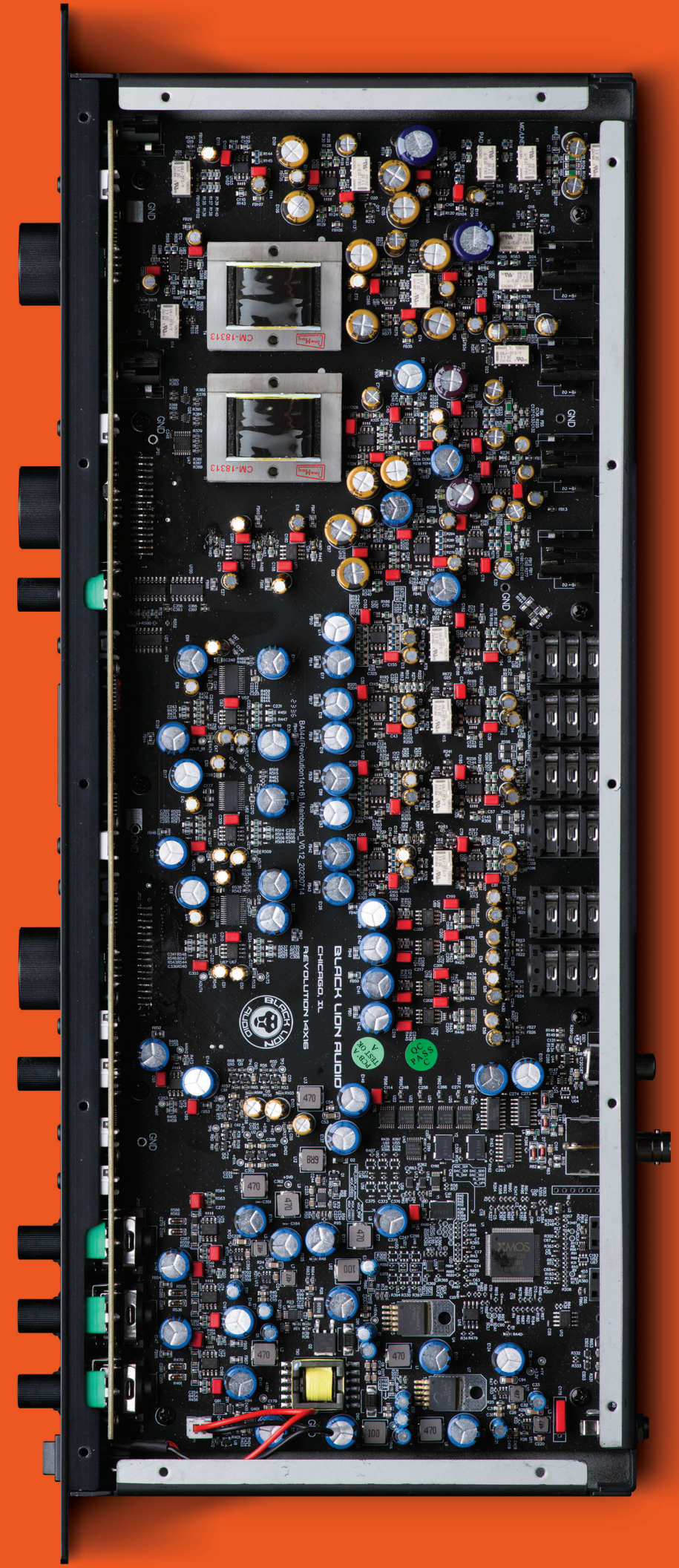
We've put everything we've learned about interfaces from years of boutique modding into the Revolution 14x16 – as we like to say, it's modded out of the box – for crystal-clear audio that will move you and your fans. PG-I filtering technology and highly-filtered power rails work with full-circuit power decoupling to further reduce noise contamination. And for the best possible capture and playback, Revolution 14x16 sports over two dozen high-end, hard-to-get Vishay, Wima, and Nichicon capacitors and thin film resistors. (A component-sourcing nightmare but an audiophile's dream!) All internal gain-staging is optimized for the best signal-to-noise ratio. Last but not least, all analog I/O is fully decoupled and balanced – right to the very core of the converter – for even further noise reduction.



ALL THE SOFTWARE TOOLS YOU NEED, INCLUDED.

The Revolution Software Suite covers all of your software needs so you can start creating from day one. You'll record straight into the award-winning Studio One, of course... and we've also included a ton of other valuable software:

- ▶ **PreSonus Studio One+** (90 days) Recording and music production DAW, plus all the extras
- ▶ **Sonarworks SoundID Reference for Headphones:** (90 days) Headphone calibration software
- ▶ **Audified GK Amplification 3 LE:** Bass amp modeler of legendary Gallien-Krueger amps and cabs
- ▶ **Audified Mixchecker:** Mix checking plug-in with playback device emulations
- ▶ **Psychic Modulation EchoMelt3:** BPM-based modulation and echo



THE REVOLUTION CONTINUES.

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The best sound you've heard.

- ▶ Patented **Macro-MMC** Clocking technology, which is based off of Black Lion Audio's numerous clocking products and modifications provides sound quality only comparable to the most high-end products.
- ▶ Two channels of Cinemag transformer-driven Auteur preamps let you add weight and color to your tracks
- ▶ Our finest A/D | D/A technology, giving you the record-making power you've never had before in an interface this affordable.
- ▶ **PG-i** technology, based off of Black Lion Audio's experience in engineering their "best-in-class" power conditioners.
- ▶ Sampling rates up to 192k / 24-bit.



Top-tier analog design.

- ▶ High-end Vishay, Nichicon, and Wima capacitors, as well as melf resistors, are used throughout the entire circuit.
- ▶ All internal gain-staging has been optimized for the very lowest signal-to-noise ratio.
- ▶ All of the analog I/O has not only been built with the finest components, but are fully decoupled and balanced — right to the very core of the converter!
- ▶ All power rails are highly filtered in every active stage — something that isn't even found in the most well-respected, high-end equipment. Power is decoupled across the entire circuit: the preamplifiers, the converters, the internal power, and even the clock.



A complete software suite.

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