FURUTECH
PURE TRANSMISSION

αADL
ALPHA DESIGN LABS

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PRESS RELEASE
for immediate attention
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The new 'Stratos' from Furutech/ADL: Is it a DAC? A headphone amp? A phonostage? Yes - and more.

Portable audio experts ADL (Alpha Design Labs, sister brand of Japanese Furutech) previously created a small revolution with the GT40, an extraordinarily handy little gadget that quickly became known as 'the Swiss Army knife of audio components' and picked up a raft of awards. Now, the new ADL Stratos is set to raise the bar even higher with more features and further enhanced performance.

The Stratos combines USB DAC with A/D converter, preamplifier, MC/MM phonostage and headphone amp in one surprisingly small, portable box. Built with the audiophile in mind, it supports PCM playback up to an impressive 32bit / 384kHz and DSD up to 11.2M.

If you're looking to convert your vinyl or other analogue sources to digital, or to record web-streamed audio, the Stratos offers a range of options to help you obtain the best sonic results.

At the same time, if it's a powerful headphone amplifier you're after - one that can drive any pair of headphones on the market, again the Stratos delivers. Whether you use the latest generation of earbuds or the most dynamic audiophile headphones available, the Stratos will reveal the true character of your music.

The Stratos may be small, but it contains an amazing amount of technology…

ADL Stratos key features at a glance

- XMOS high speed USB 2.0 input.
- Audiophile-grade DAC which supports PCM playback up to 32bit / 384kHz and DSD up to 4x (11.2M).
- High performance A/D converter for recordings via analogue inputs, enabling conversion of analogue sources into high resolution 24bit / 192kHz digital audio files over a choice of USB, optical and coaxial digital outputs.

- In the case of vinyl recording, no need to worry about a phonostage: the Stratos includes the requisite input, with simple switching between moving magnet (MM) and moving coil (MC) or line input.

- High quality electronic volume control allows use as a multi-functional digital and analogue preamplifier that can be connected direct to a power amp or active speakers. Volume control has a memory function, so volume can be set at different levels for each input (phono, line, USB).

- High performance headphone amplifier with ample drive for good headphones and its own volume control.

- Three two-channel headphone amplifiers, two of which power the XLR (4-pin) balanced output, while a third powers the 6.3mm stereo phone jack output. All three deliver superb drive capabilities, being able to drive headphones from 12 to 600 ohms at >120dB dynamic range.

- Convenient gain switch for recording attenuation: Adjust the recording attenuation to avoid overload distortion during recording: -6dB, 0dB or +6dB (Rec/db signal light comes on when input level exceeds circuit gain).

- External power supply; while a USB-powered device might be convenient, it won't develop the power required for high resolution playback, so the Stratos features a dual power supply system: the 5V USB bus powers the input circuit only, while all other circuits are powered by an external 15V power adaptor.

Technical specifications

USB playback resolution	Supports PCM 24~32bit / 384kHz (max), DSD up to 4x (11.2M)
USB recording resolution	24bit / 192kHz (max)
Line output level	5.0Vrms
Maximum analogue input level	2Vrms
Input loading	MC: 100 ohms / MM: 47K ohms / Line: 47K ohms
Phono input level	MC: 0.4mv / MM: 4.0mv
Phono input capacitance	MC: 1000PF / MM: 100PF
Headphone output level (balanced/ LR 4-pin)	1% THD @ 1kHz (max.) 400mW (12 ohms), 800mW (16 ohms), 1200mW (32 ohms), 2200mW (56 ohms), 700mW (300 ohms), 350mW (600 ohms)
Headphone output level (unbalanced/6.3mm stereo jack)	1% THD @ 1kHz (max.) 1100mW (12 ohms), 1400mW (16 ohms), 1000mW (32 ohms), 820mW (56 ohms), 190mW (300 ohms), 100mW (600 ohms)
Recommended headphone impedance	12 ohms to 600 ohms
Frequency response	20Hz ~ 20kHz (+/-0.5dB)

Signal to noise ratio	>96dB / line output; >60dB / MC output; >70dB / MM output (A-weighted)
Power supply (AC adapter)	ErP Step2 compliant, 2Wire AC input type
Dimensions	215 (W) x 180 (D) x 64 (H) mm
Weight	Approx. 1.33kg

Pricing & availability

The ADL Stratos is available now priced at £995 (including VAT).

Consumer contacts for publication

www.adl-av.com

UK distributor:

Sound Fowndations	Tel:	0118 981 4238
Aldermaston	Email:	info@soundfowndations.co.uk
Berkshire	Web:	www.soundfowndations.co.uk

About ADL (Alpha Design Labs)

ADL (Alpha Design Labs) is proud of its worldwide reputation for designing innovative products that are exceptional in their portability, user interface and sonic performance. Originally launched as an entry-level sub-brand for Tokyo-based Furutech, ADL has now evolved into a genuine leader in cutting-edge technology with its current range of headphones, portable headphone amplifiers, DACs and cables.

Using Furutech's Pure Transmission Technology as the foundation for its carefully engineered products, ADL has achieved a level of performance that has been previously unavailable at this price point. Pure Transmission Technology focuses on one objective: to deliver a pure sound that is preserved throughout the entire signal chain, vastly improving its quality.

Press contact

For more information, product samples or high-resolution print-ready images please contact David Denyer on 07976 646 404 or david@ddpr.co.uk.

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