Henley Audio T: +44 (0)1235 511 166 W: henleyaudio.co.uk
Unit B, Park 34, Didcot, OX11 7WB

Product Announcement

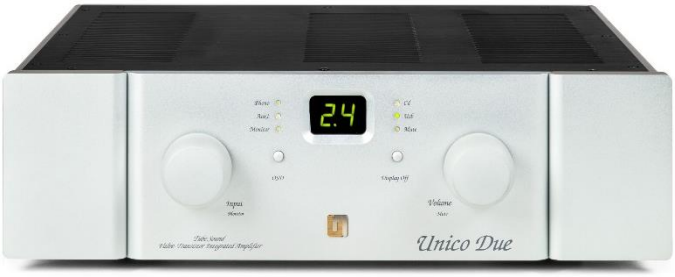
Unison Research Unico Due

A new integrated amplifier from the Italian valve masters.

Didcot, Oxfordshire – 7th November 2018

The Unico line from Unison Research, the highly respected Italian hi-fi electronics manufacturer, aims to effectively merge nuanced valve technologies with the power of solid-state amplification to create a clean, musical range of high-fidelity separates. The Unico Due replaces the long-standing Unico Secondo in the line, but brings new features to the range while also drawing inspiration from the superior Unico 90 design.

The electronic circuitry of the Unico Due has been completely redesigned from the ground-up. By working to the same brief as previous Unico models, Unison Research have introduced changes in the circuitry, the power supply method, the pre-amp stage, the power amp stage and with the variety of settings and inputs.



All based on generously sized 105µm tracks and using only the finest possible components, the circuit board is fed by a sophisticated power supply method that features a specially designed encapsulated transformer for increased efficiency and superlative sound. The heart of the preamplifier stage is based around two ECC83 double triodes (one per channel), which were purpose-chosen after hours of listening tests. Configured as a gain stage followed by a cathode-follower, the circuit's low output impedance efficiently drives the power stage that follows for minimal electrical interference.

The power amplifier stage itself features a sophisticated implementation of MOSFET transistors resulting in 100W per-channel output (8Ω). The net result of which is a clean, powerful output with incredibly low levels of distortion. By reducing distortion so significantly in this stage, Unison Research have ensured that only the sonic character of the valves remain – staying true to the fundamental purpose of the Unico line.

The Unico Due stands out as a modern system hub not just thanks to its multiple line-level inputs, but also as a result of its built-in USB DAC and phono stage. The USB input features an ESS Sabre DAC ES9018K2M with jitter eliminator circuit, offering support for audio files up-to 32-bit/384kHz PCM and DSD256. Elsewhere, the integrated phono stage module is pre-set to accept Moving Magnet (MM) cartridges, but can be modified by a service engineer to cater for Moving Coil (MC) devices. Additionally, the Unico Due has settings for AV passthrough, subwoofer output, DAC output, a TAPE loop and to adjust channel balance.

The Unico Due is a powerful, easy to accommodate amplifier with a wide range of features and a sonic presentation that boasts all the benefits of valve technology with none of the shortcomings.

SRP £2,500.00

The Unico Due is available across the UK now.
Available in Silver or Black (£100 premium) finish.

Technical Information

Output Power:	100W Per-Channel, RMS (8Ω) 180W Per-Channel, RMS (4Ω) 290W Per-Channel, RMS (2Ω)
Filter Capacitance:	80,000µF
Output Stage:	Dynamic Class A Power BJT, Double Complementary Pair, "Super-Symmetric" Configuration
Biasing:	Dynamic Class A
Valves:	2 x ECC83 (12AX7)
Inputs:	2 x Analogue Line (RCA) 1 x Analogue Phono (RCA) – Set to MM 1 x Digital (USB) 1 x Tape (RCA)
Analogue Line Outputs:	1 x Tape (RCA) – Fixed 1 x Stereo Subwoofer (RCA) – Variable 1 x DAC (RCA) - Fixed
Speaker Output Connectors:	4 + 4 (Bi-Wirable)
Dimensions (W x D x H):	43.5 x 43 x 13cm

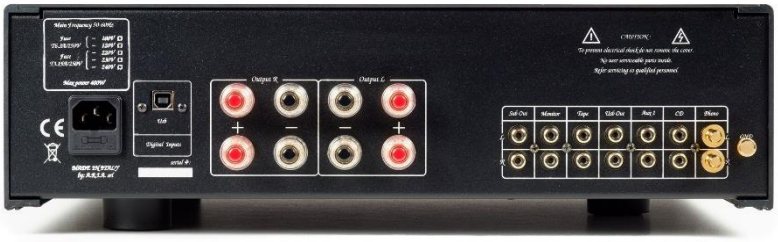
PHONO STAGE

Input Impedance:	MM: 47k Ohm / 220pF | MC: 100 Ohm / 440pF (MC)
Gain:	MM: 40dB | MC: 50dB
Gain Selection:	+0 dB / +10 dB
Maximum Input Level:	120mV @ 1kHz (MM)
RIAA Equalization:	Active at Low Frequencies, Passive at High Frequencies
THD:	0.09% / 5 mV /1 kHz (MM)

DAC

Type:	Asynchronous USB, 2.0 Audio Class
Chip:	ES9018K2M with Jitter Eliminator Circuit
Max. Supported Sample Rate:	PCM: Up-to 384kHz | DSD: DSD256
Isolation Type:	Galvanic, isolating interface from conversion circuit
Signal-to-Noise Ratio:	120dB (1kHz, A Weighted, 192kHz)
THD:	0.003% (1kHz, -3dBFS)
Output Voltage:	2.5V RMS

For more technical information, read the full white paper here.



Notes for Editors

Consumer Contact for Publication

Henley Audio
Didcot, Oxfordshire
Tel: 01235 511 166
Email: sales@henleyaudio.co.uk
Web: www.henleyaudio.co.uk

About Unison Research

Unison Research was founded in 1987 by a small group of audiophile enthusiasts, and since that point the company has garnered a reputation as one of the world's leading valve-focused hi-fi companies. Based in Treviso, Italy, they have a strong focus on audiophile electronics with a particular tendency toward integrated amplifier designs.

The current Unison Research range is represented by the Valve and Unico series, with other accessories including phono stages and headphone amplifiers also available. There's something available for any system, and all products maintain the company's historical reputation of paying due diligence to both sound performance and aesthetic appeal. All internal components and almost all the external parts are locally sourced, while all R&D and assembly is still conducted in house; ensuring each item purchased has been hand-assembled and tested by an expert engineer with an intimate knowledge of good sound.

About Henley Audio

Henley Audio has been importing and distributing industry-leading hi-fi equipment to the UK and Ireland since 1997. With a passion for great sound and a firm focus on brand integrity, we work to deliver excellence in both product and service.

Formed as the result of a management buy-out of Ortofon UK, Henley Designs Ltd. (trading as Henley Audio) operates in-house sales, marketing, service, support and warehouse teams in order to offer the full turn-key solution for suppliers. The brands we represent are not only highly-regarded in their own right, but they also share a symbiotic relationship with other brands in our portfolio.

For more information, visit www.henleyaudio.co.uk

Press Contact

Simon Powell
Henley Audio, Unit B, Park 34, Collett, Didcot, Oxfordshire, OX11 7WB
Tel: 01235 511 166
Email: sp@henleyaudio.co.uk Web: www.henleyaudio.co.uk

//Ends