

Product Announcement

HiFi Rose RA280

A master integrated amplifier.

Didcot, Oxfordshire – 2nd February 2024

Henley Audio are excited to announce the imminent UK availability of the HiFi Rose RA280 integrated amplifier. The RA280 takes its lead from the Korean brand's flagship RA180 amplifier, first released to critical acclaim in 2022, offering music lovers a more affordable solution for their hi-fi system.



With the RA280 listeners can enjoy a pure, natural sound reproduction that is as close to the original recording as possible. Making use of HiFi Rose's innovative Class AD design, featuring GaN FET technology, this flexible product is an exciting addition to the world of amplification solutions. Externally, the RA280 presents an elegant aesthetic, more minimalist than the original RA180, but still boasting features and design elements that others do not offer.

Key features include:

- ✓ Next-generation Class AD (Advanced D) amplifier design with 250W per-channel output
- ✓ Gallium Nitride FETs in the amplification stage deliver perfect linear output
- ✓ Built-in moving magnet phono stage
- ✓ Tonally neutral output design, complemented by Bass and Treble tone controls
- ✓ Purpose-designed high-efficiency power supply with Silicon Carbide FET technology
- ✓ Distinct, retro-industrial aesthetic with high-purity aluminium construction
- ✓ Dimmable VU meters
- ✓ IR remote control included

HiFi Rose RA280: £2,999.00 (SRP)

RA280 will be available in black or silver finish during February 2022.

HiFi Rose RA280 *in detail*

The RA280 is a feature rich integrated amplifier, designed to deliver a pure, natural sound that puts the musical experience first. The elegant exterior design complements any listening space thanks to its two finish options, but hidden within is a powerhouse amplifier that uses the latest HiFi Rose technologies.

Sound Design

The overall design of the RA280 matches that of HiFi Rose's full width streaming products. However, its elegant industrial aesthetic can complement any modern listening space. The sturdy aluminium chassis gives a reassuring weight and solidity to the build, while also doing a good job of isolating surrounding interferences from the sensitive electronic circuitry inside. The top-mounted vents bring further character to the design, while also allowing for heat dissipation from within.



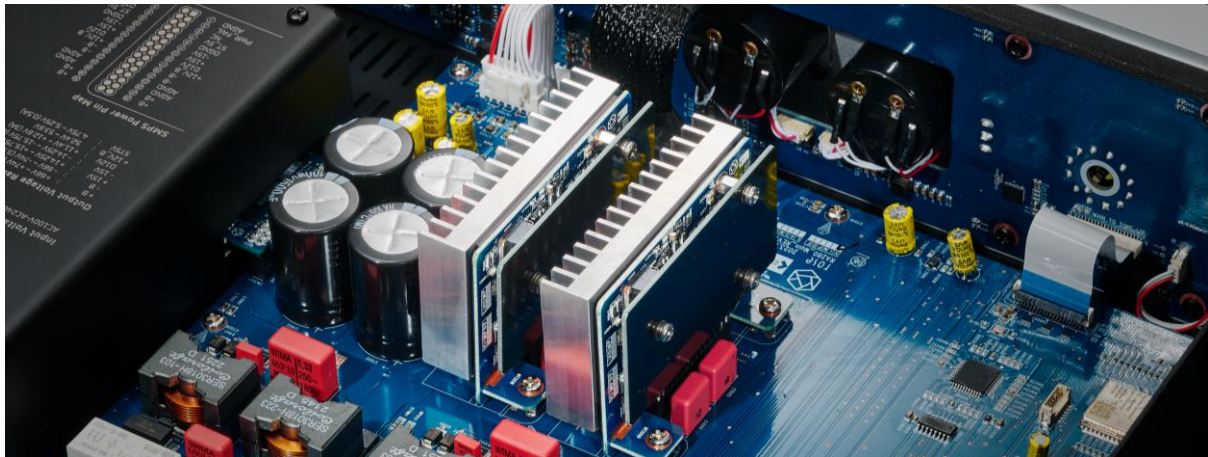
A New Standard in Amplifier Design

The RA280 is based around HiFi Rose's Class AD Amplifier technology. Class D amplification provides higher efficiency and higher output, as well as improved noise and distortion measurements, compared to more traditional Class AB designs. However, many Class D designs in the past have suffered in sound quality due to limitations in their circuitry. HiFi Rose's state-of-the-art Class AD ("Advanced D") amplifier resolves these problems with the use of innovative new materials.

The RA280's Class AD amplifier boasts Gallium Nitride FETs as opposed to more common Silicon FET technology. The result of this design is a high-speed, perfectly accurate amplification stage with almost no dead time, allowing it to perform far more naturally, like a pure analogue amplifier.

All That Power

The RA280 boasts separate 250W (4Ω and 8Ω) amplifier modules per-channel, delivering 500W of total system power. The power stage also makes use of a HiFi Rose-designed two-stage analogue filter to achieve the best sound quality. The LC filter helps support the amplifier's excellent frequency response by offering -1dB attenuation in the frequency band up to 65kHz and -3dB attenuation in the 85kHz range. This technology dramatically reduces carrier noise caused by the inherent switching of Class D amplifiers, providing clearer and cleaner sound quality throughout the frequency range. This further supports the RA280's analogue sound signature.



Customisable Experience

The RA280's front panel offers access to Bass and Treble tone controls, allowing users to adjust the flat frequency response at 100Hz and 10kHz, respectively, with ± 15 dB gain for a fully tailored sound. Elsewhere the built-in MM phono stage has been purpose-designed to deliver distortion-free pre-amplification for a connected turntable.

Quality Throughout

The RA280 features one balanced and three unbalanced inputs alongside the built-in phono stage. There is also support for a subwoofer output, trigger connections and a grounding post alongside the speaker output terminals. But the wide array of features, technologies and connectivity options are all able to perform optimally thanks to the new power supply design.

The power supply was first developed for the flagship RA180 amplifier. It employs Silicon Carbide FET technology, with its high voltage support and heat resistance, to provide a high output in an efficient manner with low heat generation. It also responds to power delivery fluctuations well with its 2.5kW class PFC circuit and high-capacity condenser. The result is a power supply that responds to the needs of the system, while always allowing the amplifier to sound as clean and natural as possible.

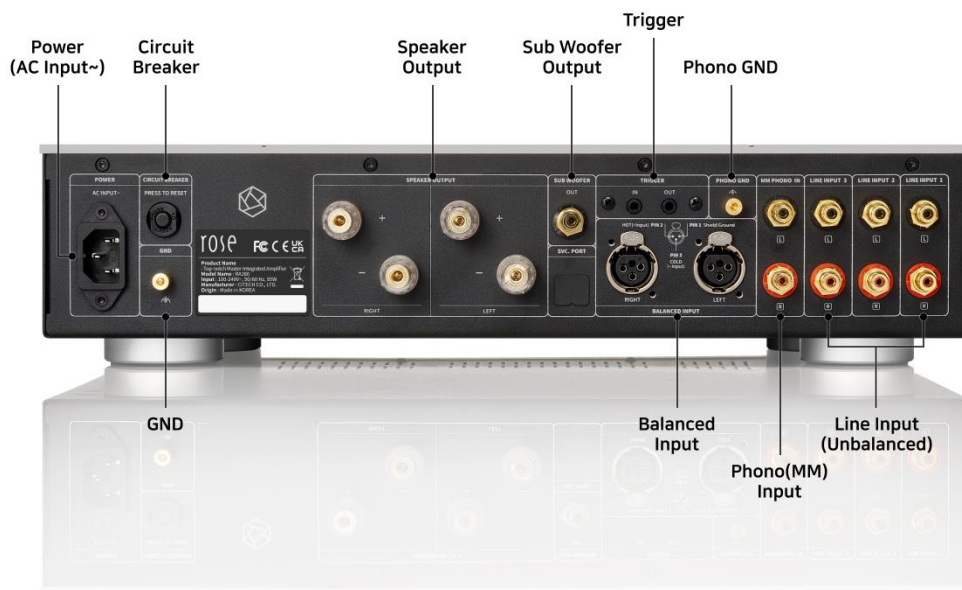


A True Master

The RA280 is a feature-rich, yet intuitive integrated amplifier that delivers in every way – whether you are driven by engineering, aesthetics, or pure, unrivalled sound quality. Try it out today.

Technical Information

Amplifier Out	4Ω: 250W x 2ch (500W) 8Ω: 250W x 2ch (500W)
Input Sensitivity	Balanced Input: 600mV Unbalanced (Line 1,2,3) Input: 300mV Phono (MM) Input: 5mV
Impedance Input	Balanced Input: 47kΩ Unbalanced (Line 1,2,3) Input: 47kΩ Phono (MM) Input: 47kΩ
THD (Balanced & Unbalanced Input)	0.007% (@ 125W)
Damping Factor	>250
Signal to Noise Ratio Measure (S/N)	Balanced, Unbalanced: 109dB Phono MM: 85dB
Output Impedance	30mΩ
Tone Control (Bass (@100Hz) / Treble (@10kHz))	±15dB
Phono Turnover	500Hz (+13dB @100Hz)
Phono Roll-off	2.1kHz (-13.7dB @10kHz)
Trigger	Trigger can be turned on: 3.3v ~12V
Size (W x D x H)	430 x 355 x 103mm
Weight	9.5kg
Body	Solid Aluminium / Rust-Proof Steel
Power	SMPS (500W)
Remote Control IR Input	38kHz Infrared Ray (Within 10m)



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 HiFi Rose

HiFi Rose aims to take you “beyond audio.” It makes products that not only sound exceptional but are also a joy to experience in both aesthetics and operation. The flagship RS130 sets the standard for this aim and delivers on all fronts one of the most innovative streaming devices the hi-fi industry has seen in recent years. The range was expanded in 2022 with the addition of the RA180 integrated amplifier, delivering astonishing specifications and innovative technologies in a more traditional market sector.

HiFi Rose is a division of Citech, a Korean software company that was founded during the 1960s. HiFi Rose assembles all its products in Korea.



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 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: simon@henleyaudio.co.uk

Web: www.henleyaudio.co.uk