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# Over the Moon!

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EXCLUSIVE!

# MOON 371

## network player/amplifier

Alan Sircom

**R**ecently, Simaudio has streamlined and modernised its high-end MOON range, now called the 'North Collection'. The new MOON 371 Network Player/Amplifier is the first product in its modernised and streamlined mid-range Compass Collection. While the MOON 300 Series models are excellent, they also serve as gateways to the company's 600 Series and beyond. That trend seems set to continue as a Compass... points North!

It's hard to believe, but the MOON Ace Network Player/Amplifier that gained the company many friends is now nearly a decade old. We tested it in Issue 138. However, the Ace (also known as 'Neo Ace') was a less ambitious project than the 371. For those familiar with the MOON range, the Ace was more akin to a 240i integrated amplifier with a simplified, built-in MiND 2 network player. The Ace was a significant achievement for its time, but that was late 2016. Things have moved forward since then. Even just taken as a 300 Series model, the MOON 371 sets a higher bar.

### Naming and Necessity

It's necessary to clarify some nomenclature here. It's easy – and entirely wrong – to miscategorise the MOON 371 as an 'integrated amplifier'. The company prefers the term 'Network Player/Amplifier' for good reasons. First, it distinguishes the 371 from its 250i V2 and 641 integrated amplifiers (the latter of which is part of that North Collection, and we tested in Issue 227). These products are typical 'integrated amplifiers', where preamplifier and power amplifier stages (sometimes with a built-in phono stage) share the same chassis. Meanwhile, the 'Network Player/Amplifier' is exactly what it says: a lot of Network Player technology combined with an integrated amplifier.

However, we humans have a pattern-recognition ability that is both a gift and a curse. The 'curse' arises when seeing the term 'Network Player/Amplifier' and assuming that the 'amplifier' aspect of the MOON 371 was merely an afterthought. A large colour screen displaying the album cover art doesn't help change your mind. Yet, similar to calling the 371 an 'integrated amplifier', this is entirely incorrect. The word 'afterthought' does not exist in the 371's vocabulary.

What you get with the MOON 371 is a MiND 2 Network Player, a MM/MC phono stage, and a preamplifier, coupled with a 100W Class A/B power amplifier featuring the MOON Distortion Cancelling Amplifier circuit. This 'MDCA' technology was first seen in the North Collection amplifiers, and its inclusion is both a welcome addition and a promising sign for subsequent products in the Compass line.

The amplifier also incorporates the MOON Hybrid Power (MHP) concept. Behind the scenes, a heated, ongoing debate continues within the audio electronics community about power supplies. Some argue that switch-mode power supplies provide efficiency and stability, while others believe linear supplies tend to produce a purer sound, especially in the midrange and high frequencies. The MOON approach... why not use both?

MHP uses a switch-mode power supply to transform AC into a relatively high DC voltage. This is then routed through an LLC (inductor-inductor-capacitor) 'resonant tank' circuit, which helps to minimise electromagnetic interference and 'hard' switching noise. Afterwards, the power is passed to a linear regulation stage that provides clean, lower-voltage DC power to the amplifier circuit.

### Back to volume

Looking at the review of the North models, it was clear there was an obsession with volume control. The same is happening in the MOON 371, but perhaps understandably not to the same degree. The volume implementation in the 371 is broadly similar to the M-VOL3 system used in the 641 and 791 models from the North line, but this Compass model does not have the same component roll-out or count. It still works effortlessly, however, and it can be used with something funkier than the standard controller. The stylish BRM-1 remote handset used in the North Collection isn't included with the MOON 371, but it can be purchased as an upgrade option. And don't even blink; in most cases, the £890 for the BRM-1 is money well spent, in both looks and functionality. At the very least, consider it your 371's first Christmas present!

While not as acronym-led, the phono stage is not easily dismissed. It is switchable between moving-magnet and moving-coil cartridges. Simaudio is no stranger to making high-quality standalone phono stages and applies those

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It's an *éminence grise* device; quietly pointing you to listen to more music and gently showing you what your loudspeakers are capable of.

engineering smarts here. Sure, the phono stage lacks the fine adjustment of a dedicated device (on the upside... no fiddly DIP switches!). For most people, however, that level of deep dive into cartridge setting is outside the purview of a one-box player.

Headphone replay is equally adept but is a function of the 300 Series amplifier built into the 371. Low noise and distortion are particularly well-received in personal audio.

Setting the spec-sheet aside for a moment, it's worth considering the whole MOON by Simaudio ethos in a broader context. Where most brands pull components from OEM suppliers, Simaudio is about as close as we get to a true 'manufactory' in audio. Sure, it buys in raw elements such as electronic components and PCB blanks, and it outsources anodising (no surprise... it's a foul job), but everything from board stuffing to screen printing is done in-house. And it does it in Quebec, where people are paid a decent working wage.

### More than bragging

Where the MOON 371 is made is not simply about bragging rights. There have been many changes in the Network Amplifier market. When the Ace was launched in 2016, it was among a select group of network-enabled integrated amplifiers. Most of these were positioned in the broad middle to upper price range. The Ace competed directly with products like the Hegel H160 and the original Linn Majik DSM. Designs such as the Naim Audio Uniti Nova and Primare I35 Prisma emerged a year or more later. The

MOON design didn't have a segment to itself, but it wasn't overwhelmed by a sea of competitors either.

Today, things look very different. Network-enabled (or, at least, 'network-adjacent') amplifiers can be found from most integrated amplifier brands and at all price points. Simaudio's products need to compete with long-established brands and companies that have emerged since you started reading this sentence. And as we said earlier, Simaudio, building its products just outside Montreal, offers a very different price proposition compared to companies that produce in a random factory half a world away.

Nevertheless, the 371 carves its place like the Ace before it. It does so by the simple expedient of sounding bloody good and ensuring the whole package is both reliable in build and straightforward to use.

There's a sense of 'just add speakers' compatibility that dominates the MOON 371 sonic properties. It's not the kind of product you use to tailor the sound of your loudspeakers; the 371 is way too honest for that. But neither is it so forthright as to lay bare every fault in recording or speaker design. Nor is the 371 one of those products that people 'respect' rather than 'like'. Instead, it's an *éminence grise* device; quietly pointing you to listen to more music and gently showing you what your loudspeakers are capable of. Great aesthetics, easily navigable control surfaces and sublime display aside, the 371 draws attention to itself by its total absence of fuss. It simply gets on with making music sound great. ➤





## » Product defining

Its app and display define a networked product as much as its sound quality, but fortunately, MOON has nailed both. The MiND app is straightforward and intuitive to use, and the onboard hardware of the 371 makes handing over to Roon effortless. It also supports Apple AirPlay and all the Connects (Qobuz, Spotify, and Tidal) too. The app works at a pace that's more than sedate; not blisteringly fast, but neither is it 'laggy'.

If all of this sounds a bit 'Goldilocks', there's a reason. The MOON 371 sits in the perfect sweet spot. Its interface is straightforward to follow; not so basic as to leave you wanting more, but not so complex that you need to refer to the manual to turn it on. Moreover, its soundstaging, detail, and dynamic range are all similarly in the sweet spot. It casts a wide image beyond the boxes and deep too. It doesn't exaggerate the staging, even when using tracks like the 1957 Decca recording of *The Pirates of Penzance*, which can sound overblown in the wrong hands.

As ever with MOON equipment, the sound is pristine. It's more than sufficient to handle an unalloyed mezzo-soprano like Joyce DiDonato; some systems highlight her voice's power, and while that is exceptionally well conveyed here, you also notice the purity of her tone and how it soars. It also adjusts well; moving from DiDonato's naturally large voice to the soft and breathy small voice of Taylor Swift is

an exercise in proper balancing throughout. Here, the voice is not 'shrunken', it's just not as forceful.

This sense of order and control could easily become too 'well-behaved'. Many high-end amplifier systems fall into that trap, sacrificing dynamics and energy for authority and refinement. The 371 remains balanced, loosening up when playing ZZ Top or Orbital tracks through Tidal Connect. Nonetheless, the 371 performs with remarkable impartiality, handling Billy Gibbons' granchy guitar with the same confidence as Pablo Casals' cello. The 371 isn't 'reserved'... it has reserves!

## Notes on North

While reviewing my listening notes on the more upscale North amplifier series, I noticed that the two sounds are more similar than I anticipated. I find it difficult to describe its sound quality because, on one hand, the 371 is a chameleon and relies more on the music itself than on electronics to shape its sonic character. On the other hand, the subtle sonic signature it leaves on the music greatly appeals to my personal tastes; it delivers an effortless and naturally accurate presentation that stays just on the right side of smooth in all aspects. That lack of a strong imprint on the music is something I perceive as 'correct' in audio components, even if it's hard to define precisely. But that makes the 371 either 'correct' or at least 'right for me'. »





» There's one last and impressive feature of the 371: its consistency. It doesn't matter whether you are using the network input, the phono stage, or the line inputs. And it doesn't matter if you output to loudspeakers or headphones. The sound remains unchanged. It also stays true to that sound unless pushed well beyond 'reasonable', at which point the midrange and treble become increasingly strident. However, in most cases, this will be a 'who blinks first' moment; common sense and the need to protect hearing mean it's most likely 'the listener'.

No product is perfect, but the MOON 371 gets very close for its price. In fact, the only real 'downside' to the MOON 371 is a matter of perception. Since its on-board phono stage has no loading or gain adjustment, some might overlook it. With 40dB of gain for MM and 60dB for MC, it suffices for most users, and sonically, it performs exceptionally; I only wish there was some level of 'granularity' on that front screen for the phono setup.

### Years of maturity

It's no surprise that MOON's manufacturer, Simaudio, celebrated its 45th year in 2025. The company produces some of the most refined and thoughtfully designed products in the audio industry. The MOON 371 exemplifies this sophistication perfectly. It's built to last, looks excellent, sounds superb, enhances the character of the loudspeaker it's paired with, and doesn't require a PhD in electronics or computing to operate. At its price point, you might encounter 'different', but you won't find 'better'. In fact, you would need to spend serious, car-sized amounts of money to find 'better'... and for many, that still includes a MOON logo as they look North.

If you see the MOON 371 as a 'one-box solution', you're missing the point. This is a premium network player, phono stage, headphone amplifier, and integrated amplifier that just happens to live in a single case. In 2016, MOON had an ace up its sleeve; as the first of the Compass series, the 371 delivers impressive sound, in an awe-inspiring package. +

### Technical specifications

**Type:** Network Player/Amplifier

**Digital inputs:** 2x RJ45 network connections, HDMI ARC, TOSlink optical, 2x coaxial S/PDIF, USB Host (type 3), USB service port

**Analogue inputs:** 1x MM/MC phono (+ground), 1x RCA stereo pair, 1x XLR balanced pair

**Analogue outputs:** 1x RCA stereo pair, 1x 1/4" headphone jack, 12V trigger

**Network connections:** Access to Tidal, Qobuz, Deezer and Spotify. Compatible with Spotify Connect, Tidal Connect, Qobuz Connect, Apple AirPlay, Bluetooth, and is Roon Ready. Control is simple with the MOON MiND Controller app for iOS and Android.

**Max Sample Rate:** PCM up to 24bit, 384kHz (MiND), DSD64-256 (only available on MiND)

**Output Power (Stereo 8 Ω):** 100 W

**Output Power (Stereo 4 Ω):** 200 W

**Input Sensitivity:** 0.3 V – 4 V

**Input Impedance:** 9.5 kΩ

**Gain:** 40 dB

**Frequency Response:** 5 Hz – 100 kHz (+0 / -3 dB)

**THD + Noise (@ 1 W):** 0.009%

**THD + Noise (@ 100 W):** 0.003%

**Intermodulation Distortion:** 0.005%

**Signal-to-Noise Ratio:** 108 dB

**Crosstalk:** -108 dB

**Damping Factor:** 425

**Dimensions (W x H x D):** 42.9 x 8.7 x 38.5 cm

**Weight:** 9 kg

**Price:** £6,250, €6,800, \$6,500

**Manufacturer:** Simaudio

🌐 [simaudio.com](http://simaudio.com)

**UK distributor:** Renaissance Audio

🌐 [renaissanceaudio.co.uk](http://renaissanceaudio.co.uk) ☎ +44(0)131 555 3922



# Dominique Poupart of MOON

Alan Sircom

**C**anadian manufacturer Simaudio is best known for its range of audio electronics called MOON. A few years ago, the higher-end MOON range was transformed by the technologies that went into its North Collection, which is transforming the company's 600, 700, and 800 high-end product lines..

We spoke with Dominique Poupart, Product Director about his role in the company, the 371's development and more...

## Tell us a little about yourself!

My name is Dominique Poupart, and I am the Product Director for MOON. I recently marked 25 years with the company. My journey started during my final year of engineering at Polytechnique Montréal, where I completed my degree project with

Simaudio. Shortly afterwards, I officially joined the R&D team and began working on product development.

Over time, I advanced from engineer to team leader, then to product manager, and now I am a Product Director. Today, I have one foot firmly in R&D and the other in marketing, with my focus on shaping the future. I remain deeply involved in the details of product development, guiding and mentoring the team, while working closely with marketing to define future products, features, and the overall lineup. It's a demanding role with significant responsibilities—but honestly, I believe I have the best job in the company!

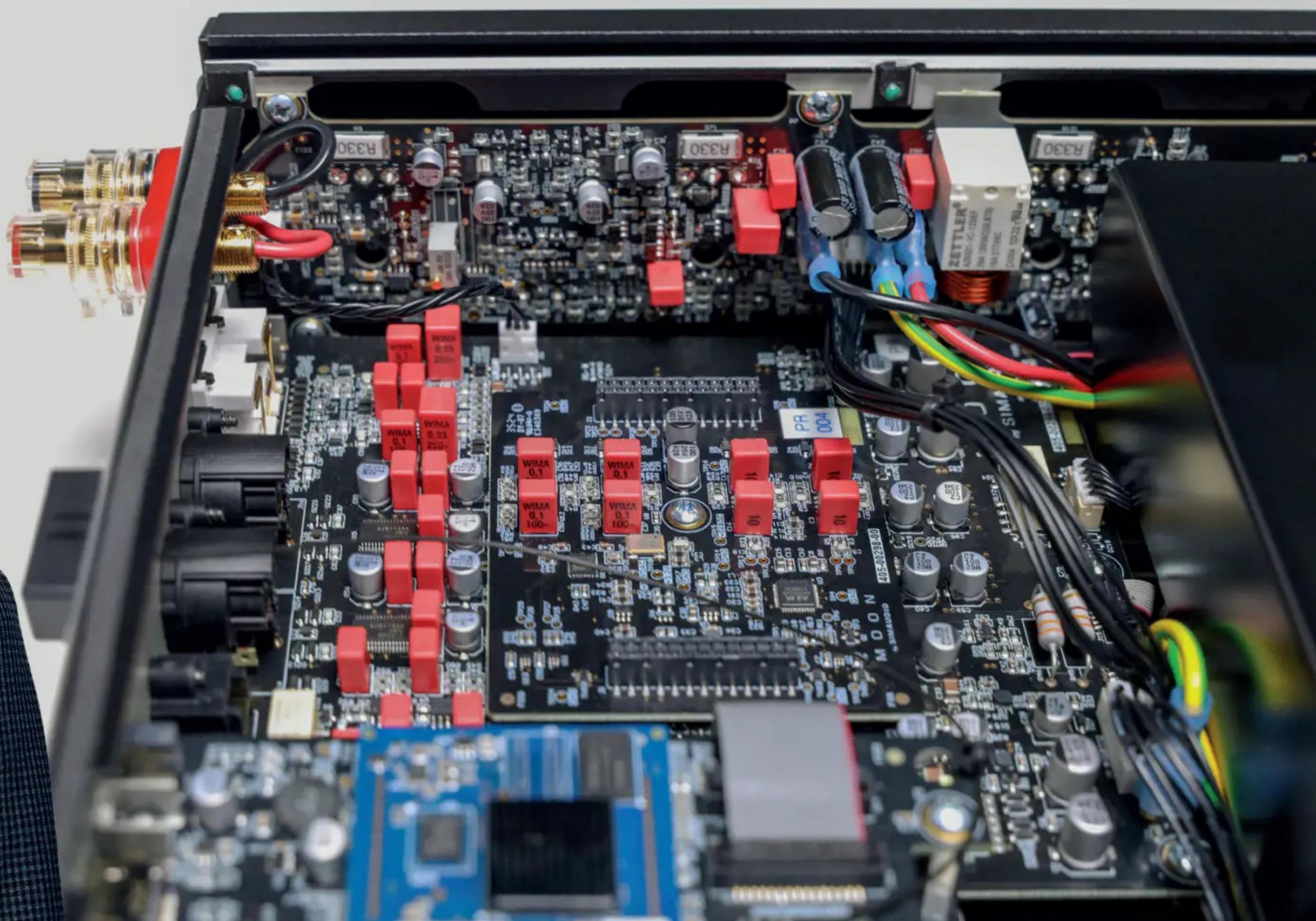
## What can you tell us about the new 371?

The MOON 371 isn't just a new product; it's the first chapter in our Compass Collection, a line that will

grow with exciting new models in the coming years. This made the project particularly meaningful: we weren't just engineering a component but also shaping the design language for an entire collection. Our mission was clear—preserve the MOON DNA that enthusiasts cherish, while refreshing and elevating it for a new era.

## What challenges did you face?

Many components required manufacturing techniques we had never employed before. A notable example is the top cover: instead of machining or laser cutting, we chose moulding. This enabled us to produce elegant louver-style ventilation openings and seamlessly integrate the MOON logo—a decision driven by aesthetics and refinement. Naturally, new processes introduce new



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We had to tackle the physical challenge of fitting everything into a single enclosure while isolating power between key sections.

obstacles, and we addressed each one to achieve the finish we envisioned.

One tough challenge arose late in the cycle with the front panel and its colour display. These components are sourced externally, and we encountered issues with consistency and cosmetic quality. Rather than compromise, our engineering, purchasing, and quality teams collaborated to identify alternatives, run accelerated tests, and validate every detail. Ultimately, we transitioned to a supplier who met our exacting standards, ensuring the product delivered the quality our customers expect—without delaying the launch.

#### How long did it take?

Officially, development work on the MOON 371 began right after we finished designing the last model in the North Collection. In reality, the story is a bit more complicated. Some elements had been in progress long before that, such as our MHP (MOON Hybrid Power) power supply for the amplifier, which had already been years in development when we started work on the 371. This overlap reflects our approach to innovation: laying the groundwork for future products well in advance, so that when a new model like the 371 appears, it benefits from technologies that have been refined over many years.

#### What went into the design of the 371?

We achieved this design by combining deep engineering expertise, many years of collective knowledge, and an unwavering attention to detail. At MOON, product development is a highly collaborative effort. It started with a clear vision: a modern audio amplifier that could serve as the centre of a complete Hi-Fi system—

driving speakers directly—without the compromises that arise from cramming so many functions into a single chassis.

For the 371, this involved integrating advanced technologies such as our MHP power supply for the amplifier and our proprietary MDCA (MOON Distortion-Cancelling Amplifier) architecture to produce the purest, most accurate sound possible. However, technologies alone do not create excellence; they must be carefully engineered and seamlessly integrated within the system.

To achieve the performance we envisioned, we had to tackle the physical challenge of fitting everything into a single enclosure while isolating noise between key sections—power supplies, display, digital circuitry—and safeguarding the sensitive phono stage. Every subsystem needed to work in harmony. This required meticulous attention to geometry, the relative positioning of components, and precise tuning of every electrical parameter. Additionally, the fact that the MHP operates at frequencies well above the audio range is a significant advantage. Using a large toroidal power transformer in a typical linear power supply instead would have inevitably degraded noise performance.

At the same time, careful attention was given to effective passive ventilation, ensuring thermal balance for long-term reliability. After all, our ten-year warranty is not just a promise—it's a design necessity. These considerations run alongside the primary goal: unblemished music reproduction. Extensive laboratory measurements and critical listening sessions guided every step, guaranteeing that performance was

not only quantifiable but also deeply enjoyable.

The result is a masterfully engineered product where all these elements come together seamlessly, enabling the 371 to stand as a truly outstanding amplifier. That's how we do it.

#### Why did you do it?

Nearly a decade ago, we launched the MOON ACE—an excellent integrated amplifier that set a new standard for versatility and performance at the time. It met the increasing demand for a modern solution that could serve as the heart of a complete Hi-Fi system without compromise.

Today, expectations have changed, and so have we. With the MOON 371, we are redefining what is achievable in this category. This new model is the outcome of years of research and innovation, drawing on the technological advancements and design philosophies developed for our flagship North Collection.

The outcome is an integrated amplifier that surpasses expectations for its class—designed for audiophiles who demand the highest sound quality without the complexity of multiple components. The 371 is not merely an evolution; it is a bold statement of what modern Hi-Fi can accomplish. At MOON, our ultimate goal is simple yet profound: to bring listeners closer to the music they love, to create moments of pure emotion, and to ensure that every note resonates with truth and beauty for years to come. +

#### Contact details

Manufacturer

Simaudio

www.simaudio.com