



fågelsång



stereophile
class A

MOONRIVER AUDIO MODEL 404 REFERENCE

S T E R E O I N T E G R A T E D A M P L I F I E R

The Moonriver 404 Reference integrated amplifier moves a step further of the already excellent design platform of the Standard 404 model. The Moonriver Model 404 Reference achieves even better performance over the Standard Model, while retaining a sensible price point. Just like the Standard Model 404, the 404 Reference amplifier will extract hidden elements, and render textures from within any audio format; but with the capability to drive any speaker on the market - despite its moderate power. Only the source, speakers and room will set the performance limit. Its culture will suit all music, as the Model 404 is by design, set to define the faintest nuances of which tonal integrity is composed.

The power supply section has been improved to the maximum. The 404 standard uses a total of 57000uf capacitance. The 404 Reference lifts the capacitance to a spectacular 107000uf of which 21000 of them are reserved for the preamp only. This enormous increment expands the driving behaviour; the dynamic character; digs out more detail; low level information; a deeper and more articulate soundstage; space between instruments is vast, while the bass has greater authority and is more confident than ever before.

The texture of each individual instrument is exposed exponentially in comparison with the Standard version. A fully discrete preamp section serves to provide acute dynamic awareness, while a high output stage that is custom-optimised for bandwidth and distortion, gives neutral character and transient fidelity. A sophisticated selection of components fuses the design against tonal traits, therefore preserving naturalness throughout the shortest feasible signal path.

The Moonriver 404 Reference must be auditioned to fully savor its enhanced performance. We are not to say whether Model 404 Reference is virtually transparent or inherently forgiving. Voicing it to appreciate the playlist and respect the user at all times has been the sum of all of our efforts;

A sincere effort to achieve effortlessness.

Design & Ergonomics

The heart of Model 404 is pure and minimal but the interface is user oriented and easy to operate by anyone in seconds with no need to resort to the user manual. Four knobs and three switches give direct access to any function. Full remote control capability is also included.



Modular Architecture

Moonriver 404 amplifier is modular by nature; it can accommodate an MM or MM/MC phono stage and a SPDIF or a USB asynchronous DAC with support of DSD and MQA formats. Fitting these modules is simple and can take place at any time, on or after purchase. The USB DAC may also be upgraded with a newer version to meet future needs.

Discovering the layout

The model 404 Reference, like the standard model, incorporates no less than 5 separate power supplies, each featuring overload protection. The power amplifier specifically runs on a dual mono configuration, beginning from separate windings on the toroidal transformer. WBT nextgen™ speaker terminals ensure the massive flow of current from the amplifier's output stage. Signal switches are implemented via relays, while volume attenuation is trusted on the legendary blue ALPS pot. A soft start circuit based on a 30A relay ensures that even the on/off switch is thought out to work with virtually no burden or wear for decades.

Specifications

Inputs: 5 (line 1 and 4 optionally occupied by phono stage and USB DAC respectively, 1x tape loop)

Outputs: 2x preamp out, 1x rec out

Max. power output: 50 W per channel into 8 Ω

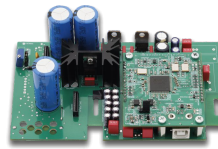
Frequency response: 10 Hz to 50 kHz

Total harmonic distortion: 0.05%

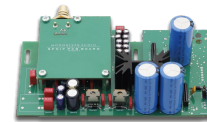
Signal to noise ratio: 95 dB (line)

Dimensions (mm): 430 (W) x 390 (D) x 135 (H)

Weight: 13 kg (without phono or DAC)



USB DAC 24bit/384 kHz
with DSD & MQA support



SPDIF DAC 24bit/192 kHz
Hi-Res PCM support



MM/MC Phono Stage with
adjustable MC load



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