

AUDIA FLIGHT Strumento No4 MkII State-ofArt 250w/500w/900w Stereo power amp

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Price on application ea

THE STRUMENTO SERIES

The Strumento series of Audia Flight products represents the culmination of eighteen years of expertise, research, and success, ultimately resulting in the world's finest amplifiers. Currently comprised of a true reference preamplifier and stereo amplifier, Strumento sets a new standard for the no compromise class of consumer audio products. Given Audia's immediate international success with the Strumento No.1, No 4 and No 8, Strumento products (both current and forthcoming) are destined to set a new standard in performance, build quality, and style.



The Strumento N°4 mk2 Stereo Power Amplifier is a close to perfection state of the art two channel power amplifier that exhibits incredible response speeds (bandwidth greater than 1MHz), high output power (up to 900 Watts), and nearly unlimited speaker driving/control capability.

For the mk2 version we've used our experience in designing its sibling the Strumento N° 8 Mono-block Power Amplifier as well as our trained human ears to aide us to further refine the original Strumento N°4 circuit (such small, but critical changes include the value of resistors and capacitors).

This effort has allowed us to more closely achieve our goal of sonic perfection with the Strumento N°4 mk2, much like a luthier uses years of experience, craftsmanship, and keen ear to find the perfect tonal character and emotional response for their instruments.

The Strumento N°4 mk2's chassis begins its life as an ultra high grade, bespoke aluminium cast. After the CNC finishing work is completed, every part is then closely inspected and "mirror polished" by hand. Some critical areas are further finished by hand, with shot peening and anodisation completing the beautiful metal work. The final touch is an elegant silk-screening process.

Within the beautiful casework of the Strumento N° 4 mk2 one finds yet more attention to detail and incredible Italian craftsmanship. There you will find a fully balanced circuitry, carefully selected ultra high grade components throughout, a massive power supply built with extra low impedance, ultra high grade capacitors (280.000µF alone on the main power supply), custom printed boards with an extra high-grade surface copper, and ultra pure copper bars in the output stages. But we have chosen to not stop there with the Strumento N° 4 mk2 Stereo Power Amplifier! The Strumento N° 4 mk2's power supply is comprised of two super high current power supplies per channel and four stabilised independent stages for each channel: two for the input stages and two for the Audia Flight current feedback stage. The gain stage's power supply is designed to achieve extremely low noise, the filter is made by ultra-fast rectifiers and extra low impedance capacitors. Two 150VA toroidal audio transformers are used for the main stages and one 15VA toroidal transformer is used for the logic control and protections. The main power supply is made by n.28 10.000µF 40V extra low impedance capacitors. No fuses are found in the main power supply for the output stage (we find fuses are like a "resistors" and can negatively impact the sound), instead a current sensor read by microprocessor is employed.

The amplifier's gain stage is an exclusive Audia Flight design consisting of an entirely class A current-feedback circuitry.

To further isolate this critical part of the amplification process from interference and grant thermal stabilisation for all of its discrete components, the gain stage is enclosed within an aluminium box and encapsulated in an epoxy resin. Meanwhile, the output stage of the Strumento N°4 mk2 is powered by a massive 3000VA custom made audio transformer, encapsulated by epoxy resin and sealed within two ferromagnetic shields.

Ultra-fast rectifiers instead of fuses are used on the main power supply for the output stage.

With every circuit detail addressed, we then turn to mechanical details to complete this masterpiece! When the amplifier is on a shelf, the power transformers, located on an independent chassis, are physically decoupled from the audio circuit chassis, thus discharging to ground any spurious vibrations from the transformers should they be present.

A masterpiece in aesthetics and electronics in a single chassis, the Strumento N°4 mk2 Stereo Power Amplifier is surpassed only by a pair of its sibling the Strumento N° 8 Mono-block Power Amplifier.

.....a reputaion for being the best, the first in the world!

Specifications

Output power per channel Watts RMS 250/500/900W @ 8/4/2 Ohms
Gain 29 dB
Input sensitivity - 1.41 Volts RMS
Frequency response (1W RMS -3dB) 0,3 Hz ÷ 1 MHz
Slew-Rate (@ 8 Ohm) > 200 V/μS
THD < 0,05 % S/N Ratio 110 dB
Input impedance - Unbalanced = 7,5 kOhm / Balanced = 7,5 kOhm
Damping factor (@ 8 Ohm) > 1000
Main voltage AC (50-60Hz) 100, 110-115, 220-230, 240 Volts
Stand-by Power consumption - less than 1W
Nominal Power consumption (no signal) - 400W
Power consumption - (260W RMS @ 8ohm both channels driven) - 1000W
Dimensions and weight - 450x280x500mm (W x H x D) - 95kg
Shipping dimensions and weight - 580x410x700mm (W x H x D) - 125kg

Review

It should be enough to state that I am going to buy the Audia Strumento N° 1,.. later on I might buy the Strumento No4 amp too... - René van Es Freelance audio journalist for Hifi.nl and Music Emotion

REVIEW SUMMARY: *My mouth fell open, stayed open all the way, till side one came to an end. All good properties suddenly*

shine even more. Playing a record can only be compared to listening to studio masters in high sampling rates. This Strumento

N° 1 is an open window to the music for every detail available in the recording. It just flows and flows. I could listen for hours

and hours without any stress or getting tired. I invited some friends over on several evenings, the three of them well known for

golden ears, used to deal with high end equipment and often to be found on live performances, either for jazz or classical music.

Just to make sure my ears and mind did not betray me. The one who only loves tubes admitted this was a solid state setup

comparable with only the best tube amps. Another one got (almost) permanent goose bumps. Number three stated that this

Strumento N° 1 was by far the best preamp he ever heard. In my humble opinion they are completely right. This Strumento N°

1 is amazing.

Link

<http://www.audioreference.co.nz/product/audia-flight-strumento-no4-mkii-state-of-art-250w500w900w-stereo-power-amp>