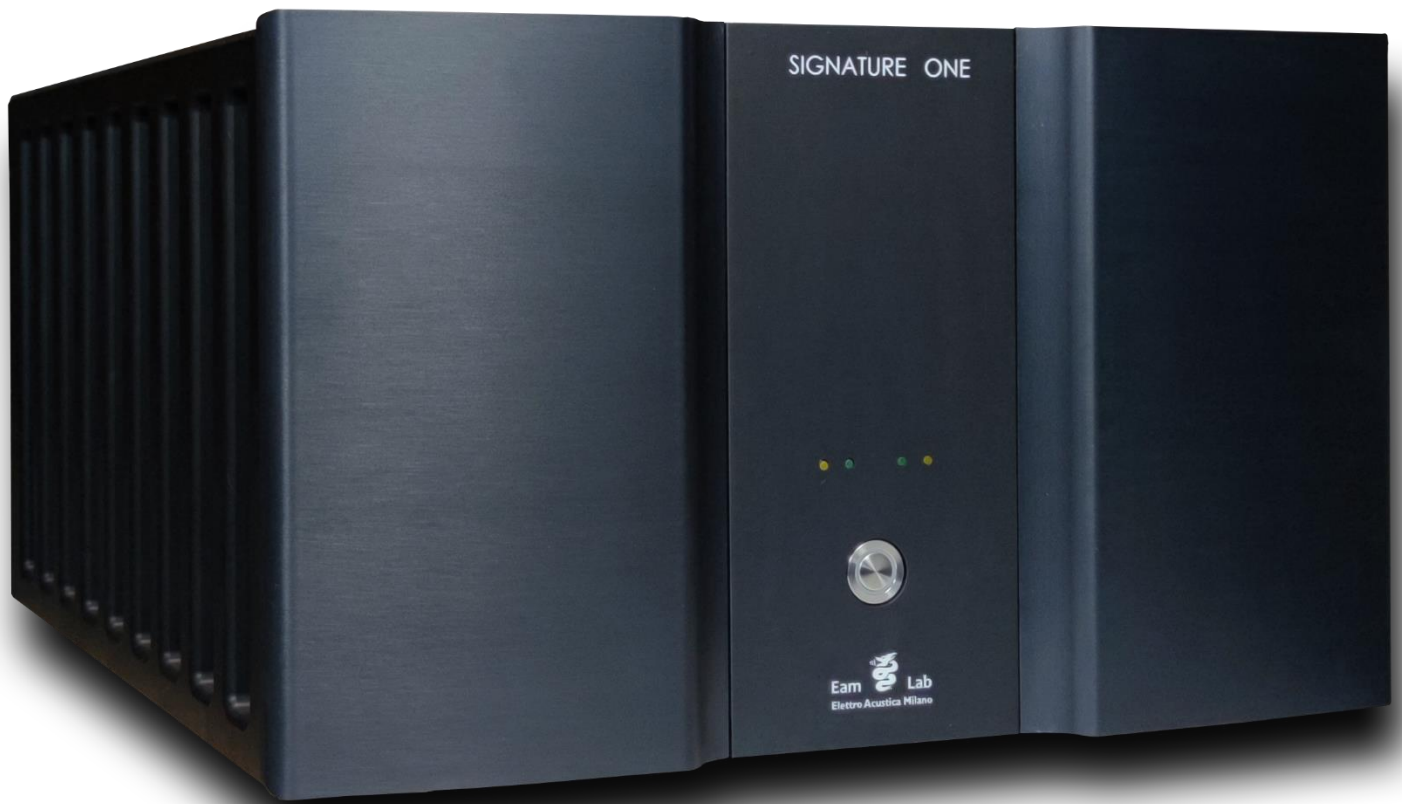




SIGNATURE ONE STEREO POWER AMPLIFIER



Always having in our DNA the best and most faithful reproduction possible and with the latest discoveries in analog amplifier technology we have developed the new SIGNATURE ONE power amplifier where power and control have reached previously unthinkable levels of performance.

Its outward appearance demonstrates the progression of innovation that resides within the amplifier after over 10 years of experimentation and development

We wanted to give a modern but classic look, the result of the best Italian style and design to make people understand how the latest generation technology has developed within it, which places faithful sound reproduction and disarming musicality at the top.

We are not afraid to say that what you will hear will never be the same music again.

The philosophy behind a SIGNATURE ONE

SIGNATURE ONE is a forward-looking product in terms of shapes and technology but the soul is always Eam Lab.

Regarding the history of the company: Our products are positioning themselves higher and higher in the world for the goodness and faithful reproduction of our components. This data brings a benefit in business terms but at the same time moves the bar higher and higher when you intend to create a product that is even better than the previous ones in every respect.

SIGNATURE ONE is an ambitious project and is the highest performing amplifier that Eam Lab has ever created.

It is an imposing amplifier and absolutely uncompromising in its internal structure.

All sound-relevant components come from Italian manufacturers and have been specially designed in accordance with the provisions of our dedicated development team, in departure, for an ambitious project.

This extraordinary effort lasted over a period of many years and made it.

SIGNATURE ONE consistently implements the pinnacle of what's technically feasible

Circuit technology

In addition to the sound benefits of the amplifier, a further highlight is the thermally optimized circuit design.

Thanks to its technology, the amplifier reaches its optimal functioning in a few seconds and maintains them regardless of the operating temperature. Therefore, a warm-up phase is not required

The generous power reserve is carefully monitored in real time by a microcontroller which ensures that the optimum operating range of each output transistor is always kept constant.

This complete and continuous control system detects anything not allowed about the operating status and is therefore able to provide safe protection of the amplifier.



DESIGN

The result of an all-Italian style, unmistakable and distinguishable in every part of the world. Inspired by tradition, SIGNATURE ONE comes with a massive yet understated design.

With a tonnage of over 70 Kg. Of weight and with measures of 550 * 420 * 250 mm it does not reveal its real majesty.

Design and functionality come together to form a unique product of its kind

PRODUCTION AND QUALITY CONTROL

From hand-assembled circuits, to selected components, from massive encapsulated power transformers to the Audio PrecisionTM assisted measurement station, over 120 hours of production time are required.

Plus, there are several days of rehearsal and further intensive quality checks, including a detailed final in real-world listening test.

Each individual component receives a rigorous inspection before shipment, guaranteeing our recognized quality.

This extensive manufacturing process ensures that the customer receives an extraordinary product in every respect.



datasheet

RMS Output Power 20 Hz to 20 KHz both channel

- 2 x 350 Wrms @ 8 ohm
- 2 x 620 Wrms @ 4 ohm
- 2 x 1.150 Wrms @ 2 ohm

EIA output power ,test standard, 1 kHz, 1% THD

- 2 x 430 W @ 8 ohm
- 2 x 780 W @ 4 ohm
- 2 x 1350 W @ 2 ohm

Input sensitivity

- @ 8 ohm 2.8 Vrms

Input Impedance

- 47 Kohm

Frequency response

- 1Hz – 80 KHz (1 W @ 8 ohm +/-0.3 db)

THD +N

- 0.00028% from 1W to 350 W (@ 8 ohm)

Weight & dimension

- 70Kg
- Deep 530 mm
- Height 270 mm
- Width 430 mm