



## CLASSIC 250M mono power AMP

The new **CLASSIC 250M** is a monophonic system with a technological development that will leave you breathless.

With an elegant and modern design, they are not only a gem for the eyes, but also capable of giving you an extraordinary sound experience. Thanks to the great power and precision, you will immerse yourself in a world of crystal-clear sounds with an extended dynamic range that will enhance every note and every detail of your favorite music.

In a compact chassis, thanks to modern electronic technologies, there is a power amplifier capable of delivering over 1Kw on a 2 ohm load and capable of putting even the most demanding speakers on the world scene to the test.

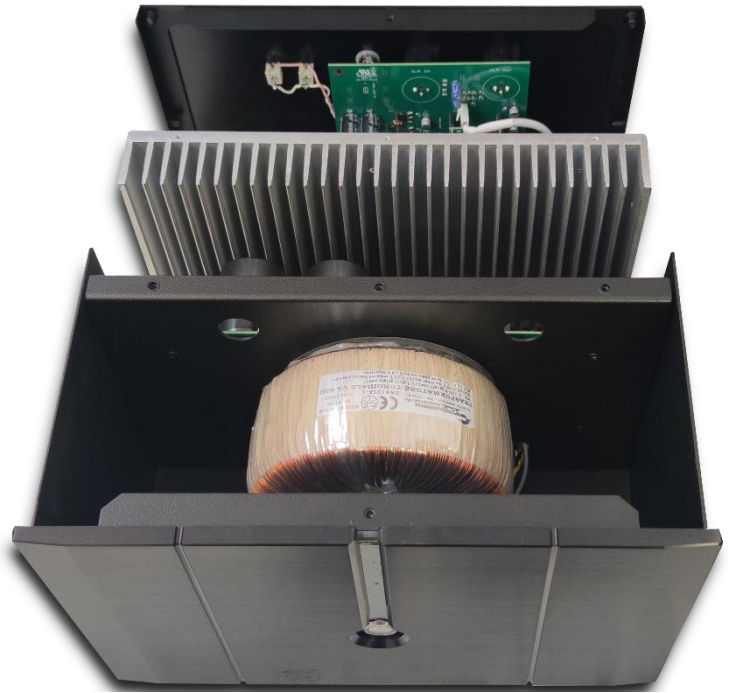
Get ready to experience unique emotions with this system with an unforgettable sound.

## Characteristics of the power supply stage

The true heart of every amplifier. For us, extreme attention to this detail is fundamental.

The transformer, the heart of the project's success, is built on our limited and very specific characteristics. For us, total rejection of disturbances and vibrations is of primary and fundamental importance. **It is no coincidence that the silence of our power transformers is a rating of which we are fully proud and is the result of many efforts and tests carried out in the field to reach a goal that is not easy to reach when all sorts of powers are at stake respect.**

The rectifier circuit, however, is placed on a single PCB where the large capacitors and the diode bridge are located. This technique limits the use of loose wiring by minimizing contact resistance and significantly shortening the path from the transformer to the final output stages, reducing the impedance overall and allowing the circuit to respond faster by controlling the speakers better and more accurately..



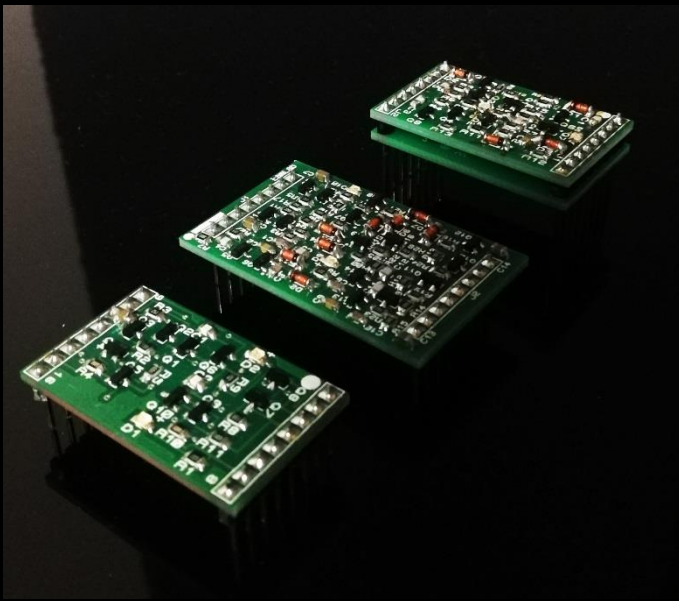
## Input circuit

the most delicate, fundamental part and to be treated with extreme care, because this stage too, in the overall project, determines the general performance of the appliance

this delicate task is entrusted to our HDCA modules now in their third version. Today even more refined, clear and transparent.

HDCA is assembled with components selected for their linearity and bandwidth characteristics. The circuit operates in an open loop and the feedback is so low as to become practically negligible.

The circuit operates in pure class A and does not use decoupling capacitors through various signal processing stages. The frequency response is flat between 2 and 150 KHz ensuring optimal passage of the pass band to the final stage without altering the sound message



## Mono philosophy, the reason for a choice.

A monophonic system guarantees the best signal-to-noise ratio, better separation between channels and greater available power for the same size.

Translated into purely sonic terms, one has the sensation of having a very large three-dimensional stage as each channel has its own dedicated housing, a sharper micro-contrast due to the high SNR ratio, practically zero crosstalk between the two channels and a accuracy of each individual instrument.

*The search for perfect amplification is a well-known theme in high-end audio. New technologies present new approaches, while looking to the past provides inspiration for the future.*

*It is in this spirit that we have developed the new CLASSIC line, with a design recommended by the best tradition and with a specific target sound:*

*Deep and expansive soundstage, accurate image positioning, extended and well-defined bass response with total control over the speakers even at very low impedances*



## The power stage

revolves around a circuit design in helmet configuration. This configuration allows a wide and extended bandwidth and the driving of the power amplifiers takes place via a Darlington type configuration.

6 pairs per channel of high current bipolar transistors ensure reliability and stability in any conditions of use.

The new generation of circuits with SMD components allows shorter signal paths, greater noise rejection and a notable decrease in "microphonics" due to vibrations

## Datasheet

### Mono Power amplifier with first 5 watt in class A

- power RMS 20Hz-20Khz 300 W @ 8 ohm , 550 W @ 4 ohm , 900 @ 2 ohm
- power EIA @ 1Khz 480 W @ 8 ohm , 700 W @ 4 ohm , 1300 @ 2 ohm
- input impedance : 47 Kohm via XLR , 22 Kohm via RCA
- Slew/rate 30 V/uS
- DF >200 su 8 ohm a 50hz
- Input sensivity 2.4 Vrms per piena potenza
- Gain 26 db
- Frequency response 10hz – 80 Khz +/- 0.8 db
- THD vs FR 0.03% @ 1Khz per 300 Wrms su 8 ohm
- SNR >115 db
- Dimension 33 x 38 x 22 cm. (L x P x H)
- weight 20 kg