

## Element 260Ai

*Pure Class A integrated amplifier*



*Power and unprecedented headroom - massive steel chassis no damping - class A - dual mono configuration - Burr Brown digital potentiometer PGA2310 - OLED display for optimal viewing angle - protection system owner - double sided PCB 70 microns - stage input equipped with components from "instruments" for outstanding sonic transparency*



Element 202i / 260Ai

## **philosophy:**

An integrated amplifier capable of restoring each musical passage with unmatched dynamic verve. Power and technology are enclosed in a beautiful and modern refined chassis.

Although weight and are large this amp fits well both environments from 'modern furniture is in retro style.

But not only design. Eam Lab in the constant pursuit of absolute performance is also reflected in the integrated amplifiers Element 202nd / 260Ai.

From the selected components to the remarkable power section that related to a project valid and reliable, make this integrated amplifier 'tireless musical instrument.

And their musical instrument is. From the stages of low-noise input, the device end, everything is rigorously tested to the music and to ensure reliable performance for years.

## **Attention to details**

on a single board (one for each channel) we find both the smoothing capacitors and relay of disconnection of the output. This design avoids a strong passage of power cables and power between the various stages with considerable advantage of the damping factor for the total control of the speakers. Moreover, the power required to drive the various stages is always supplied in the best way and without bottlenecks.



### Technology :

Element 260Ai, is strictly designed in circuit topology Dual Mono. This implies a considerable design effort but it pays to listen. The great separation between the channels and the focus of the sound stage are the result of this choice. Basically it's like having two mono amplifiers in a single chassis.

Encapsulated in an aluminum container there are two massive 600VA toroidal transformers each. The headroom, with oversized this stage, is almost endless.

### Preamplifier stage:

entrusted to the most modern devices from "instrumentation", it is equipped with the digital potentiometer PGA2310 Burr Brown, currently the best device on the market. The buffer stages, of the balanced signals and output, are entrusted to operational amplifiers in single operation and high slew / rate, always Burr Brown.

The linearity in the frequency response and transparency of the entire audio spectrum give reason to this choice.

### Display:

a modern OLED display ensures high contrast and optimal viewing from any angle



## datasheet

<b>Continuos power</b>	60 / 120 Wrms 8/4 ohm in pure class A
<b>5 input</b>	1 XLR 47Kohm / 4 RCA 22Kohm
<b>Input sensivity</b>	1.2 Vrms full power 4 ohm
<b>D.F</b>	>100 to 8 ohm at 100 Hz
<b>Signal to noise ratio</b>	>100db
<b>Crest factor</b>	18db
<b>Channel separation</b>	80db
<b>slew/rate</b>	20V/us
<b>freq response</b>	5 hz – 80Khz +/- 0.2db
<b>consumption</b>	stand-by 1W idle 1 20W full power 240W (full signal music to 4 ohm load)
<b>weigth e dimension</b>	48*43*25 cm 42 Kg



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*Eam lab produce a mano interamente in Italia – le presenti caratteristiche potrebbero essere soggette a variazioni*