

# Element 260Ai

Pure Class A integrated amplifier



*Unprecedented dynamic power and reserve - massive chassis in damping steel - class A - dual mono configuration - digital Burr Brown PGA2310 potentiometer - oled display for optimal viewing angle - proprietary protection system - double sided PCB 70 micron - stages of entrance equipped with "instrumentation" components for exceptional sound transparency*



WBT rhodium-plated connectors for the best possible connection between sources and loudspeakers

**Filosofy:**

An integrated amplifier capable of returning every single musical passage with an unmatched dynamic verve. Power and technology go hand in hand and are enclosed in a beautiful chassis with a modern but refined design.

Although weight and size are noteworthy this amplifier fits well both modern and retro style environments.

But not just design. In Eam Lab the constant search for absolute performance is also found in the integrated Element 202i / 260Ai amplifiers.

Starting from the selected components up to the remarkable power section that, linked by a valid and reliable project, make this integrated amplifier an untiring musical instrument.

And it's just a musical instrument. From low-noise entry stages to final devices, everything is rigorously tested for music and to ensure reliable performance for years.

**Attention to details:**

on one board (one for each channel) we find both the leveling capacitors and the output disconnection relay. This design avoids a strong passage of power and power cables between the various stages with considerable advantage of the damping factor for total control of the speakers. The current necessary to drive the loudspeakers is always provided in the best way and without bottlenecks.

### Technology :

Element 260Ai, is rigorously designed in Dual Mono circuit topology. This implies a considerable design effort but that repays listening. The great separation between the channels and the focus of the sound scene are the result of this choice. Basically it's like having two monophonic amplifiers in a single frame.

Encapsulated in an aluminum container are two imposing toroidal transformers of 600VA each. The dynamic reserve, with this oversized stage, is almost infinite.



### Preamplifier:

entrusted to the most modern instrumentation devices, it is equipped with 2 PGA2310 Burr Brown digital potentiometers in balanced configuration. Buffer stages are entrusted to single operation and high slew / rate operational amplifiers, always Burr Brown.

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

### Display:

a modern Oled display ensures very 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
<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*