

## Eon Art Launch Boson Integrated Mono Amp

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Eon Art of Canada has launched its new Boson monophonic integrated amp. It includes it's own preamp and each Boson also features a Lundahl splitter transformer to link, two, or up to three amps in a tri-amplifying mono solution. This transformer can be bypassed for regular double mono operation.

Eon Art installed a new console replication circuit to control up to six amplifiers by operating the buttons on any of the amps or on a single remote control.

Each Boson in a system is linked by a specific impedance line base network which is completely silent and permits the communication between any amps in the system, if you adjust one the others will follow.

**"I've not heard a better preamp, and I've been looking for more than 30 years" Sam Tellig** - Stereophile, October 2012

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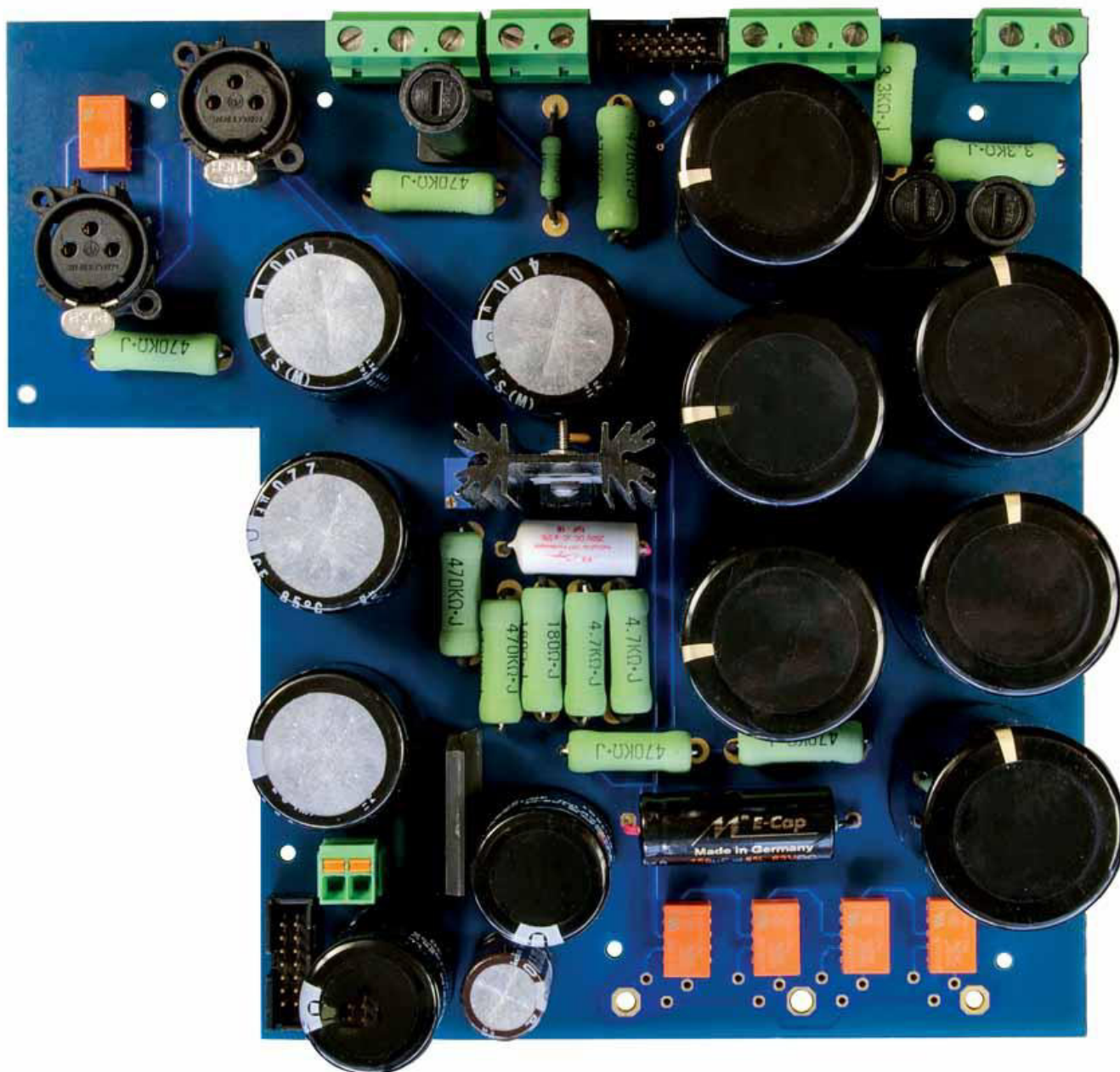




## Components

In comparison with the Quark stereo amplifier (their previous model), the Boson has more space, so Eon Art were able to increase the voltage without reducing the capacitive reserve, to give more power. Eon Art were also able to use some better signal capacitors that were too big to fit the Quark.

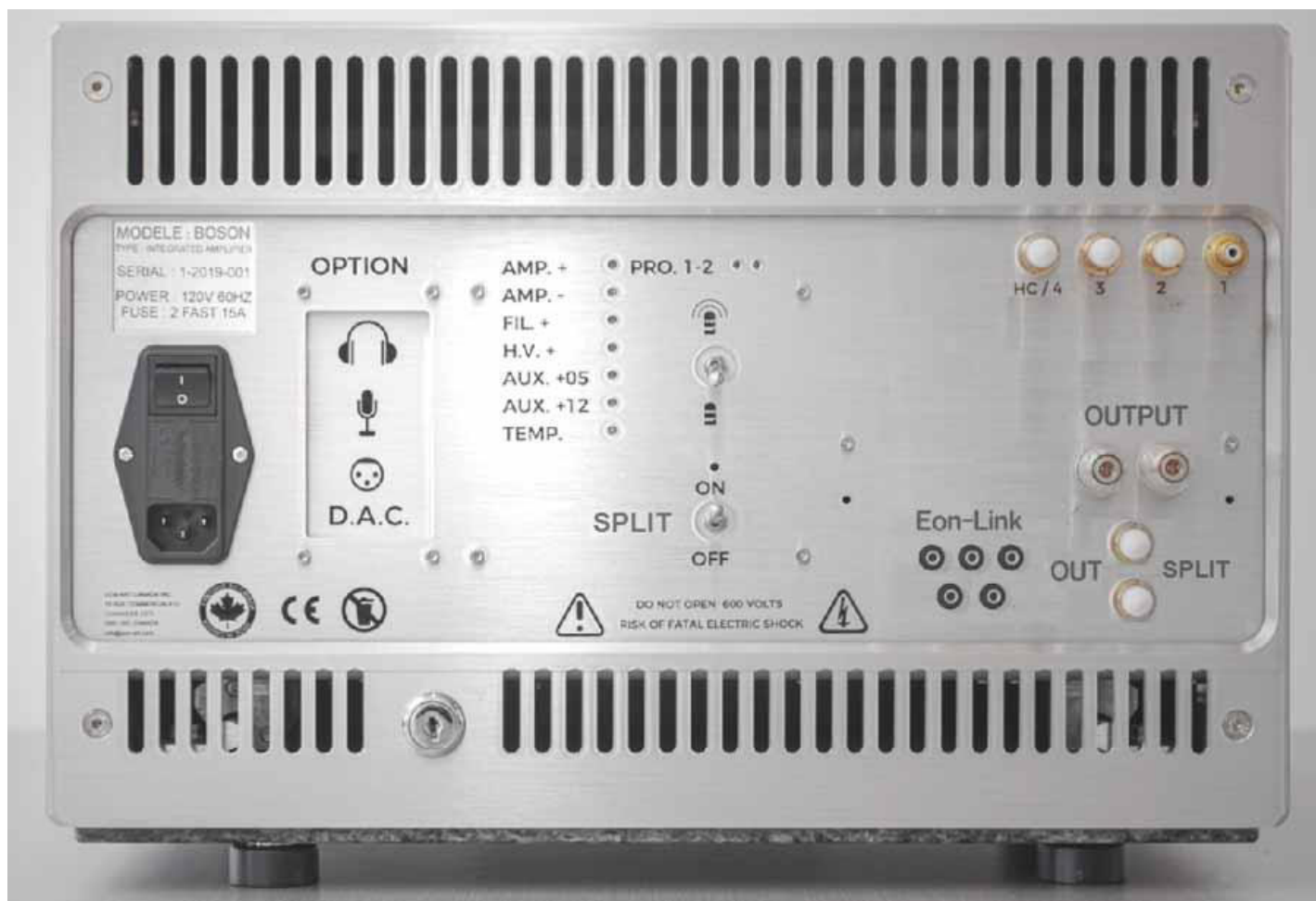




The Boson features a better micro-decoupling system and more efficient power supplies, with transformers of double power. It's power reserve for the preamp and amp stage is the double of the Quark at 194 000 microfarads for one channel.

The volume control uses ultra-precision low noise medical resistors switched by a network of transistors. There is no relay on the path of the audio signal in the volume controller.

The Boson contains multiple ferrous electromagnetic shielding and several aluminium and copper Farady cages.



## Boson Amplifier Topology

The topology of the Boson amplifier consists of a valve preamp stage with a full valve regulated power supply, followed by a solid-state impedance adaptation buffer circuit, a solid-state class A input stage, which provides gain, manages and filters the bandwidth and drives a class D output stage. This gives you 250Wrms 8 ohms / 400Wrms 4 ohm with only 2 transistors.

A control circuit with an internal microprocessor makes various acquisitions and manages the parameters of the class D section, and the first three amplification stages (impedance adaptation, gain, filters). It is internally networked with two other microprocessors, one of which manages the preamp section and the last manages the volume control, source selection and infrared and Bluetooth remote controls as well as the link between the Boson blocks.



The Boson block (as the Quark) is full of current, voltage, resistance, and temperature sensors that have a significant effect on its performance. The use of capacitors is organised so that there is no phase rotation at the output. They are selected from top manufacturers such as Clarity, Duelund, Mundorf, Solen.

## Casing

The mechanical manufacturing of the casing is carried out at Oracle Audio in Sherbrooke.

## Price

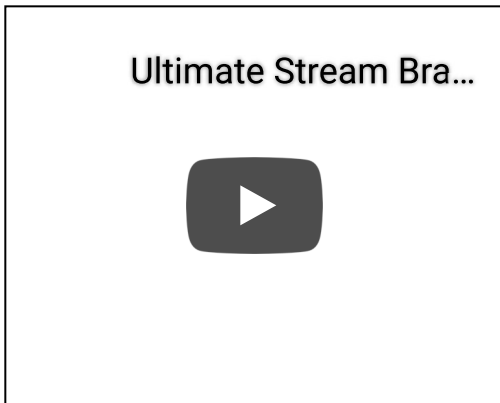
£32,000 MRSP

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