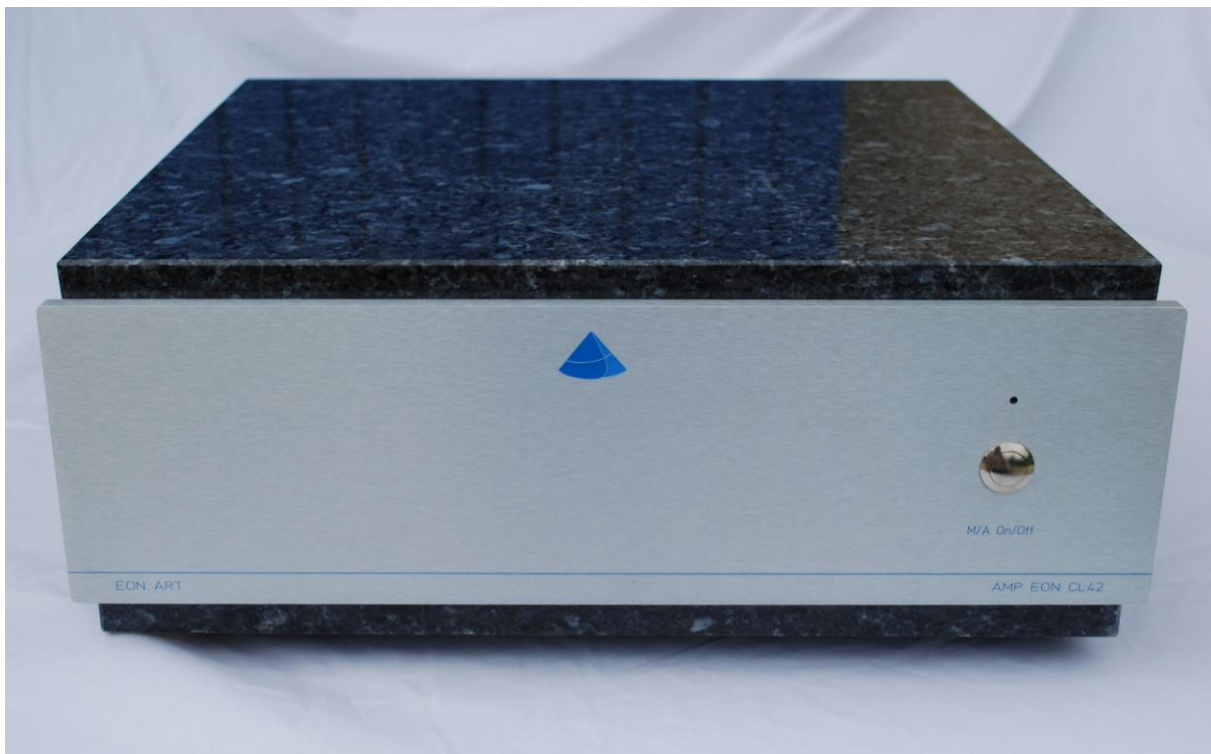


EonArt 

AMPLIFIER EON CL42

Thanks to its Burson input stage in discreet components, its 2 digital amplifying channels on base of Hypex OEM modules, its extreme performance dual mono power supply constituted of a set of 32 Mundorf capacitors, its 2 transformers of 300 Va, its Mpc Audio cabling and its 150 watts / 8 ohms, it knows always how to be forgot and it left place to the music.



Having for objective to be a product of exception with as only requirement the faithful reproduction of the music, the amplifier Eon CL42 offers you all the emotion without deducting or adding whatever it is, and the same in the most difficult conditions.

It is the result of a very long series of comparative listening, in extreme reactionary successful systems. It was naturally refined even more with the products of our partners.

It represents a certain conception of the music that we take pleasure to share with the very musicians who are the source of our inspiration.

It knows how to be elegant, dressed in his 10mm black or silver facade, in a case of blue labradorite. In spite of the extreme performance, there is a sober and classy object. It applies its generous power with all the subtlety demanded by the emotion which passes on the artist.

Every component, cable, circuit, and idea was selected according to listening on prototypes and participates in a certain absolute of a products conceived without limit of weight, space

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or cost. Furthermore, components asking for a replacement on the long term are placed on supports or specific circuits to facilitate the maintenance.

FUNCTIONALITIES

INPUTS

The Eon CL42 amplifier possesses one stereo asymmetric CINCH (RCA) input.

OUTPUTS

The selected binding posts support naked cable or banana plugs.

STAND-BY MODE

A "Soft Start" temporization circuit, with setting in a stand-by mode, insures a gently starting up for a better durability. It is commanded by a pushbutton situated on the front of the product.

INDICATORS

Indicators are placed in facade and allow noticing the working of the device. Behind, a series of diodes shows the smooth running of the numerous power supplies.



CONCEPTION

INPUT STAGE

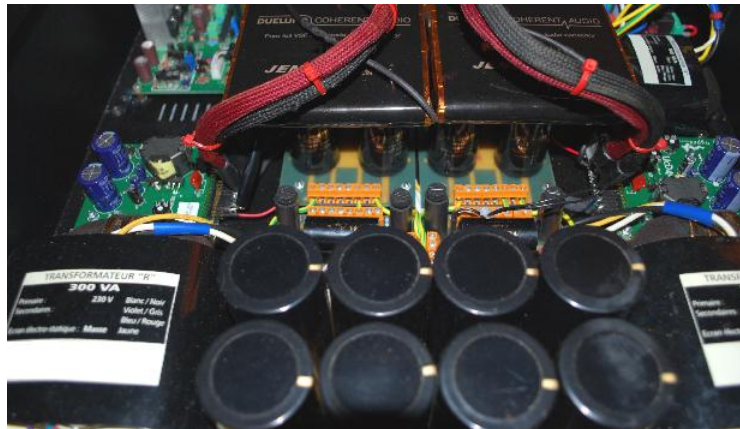
The inputs of the amplifier are taken in charge by an impedance adaptation stage, made with discreet components operational amplifiers of brand Burson. There is not thus as on most of the numeric amplifiers of integrated circuits operational amplifiers on the fragile input signals. We use a double autonomous regulated power supply with its own dedicated RCORE transformer of 50 Va with dual secondary's for this stage. The input capacitors are Duelund VSF Copper.

AMPLIFIER STAGE

The Hypex modules which we use are specifically made for the industries. They allow us a better integration with our products because of their possibility to use our own input stage instead of those whom we usually find on the modules of digital amplifiers. They offer a better frequency bandwidth and weaker exit impedance while preserving an extremely weak total harmonic distortion.

The selected power of 150 watts under an 8 ohms load for the Eon CL42 amplifier allows them a functioning under extremely conservative parameters to insure him a balance of the best points on its performances curves.

POWER SUPPLY



A fast extremely reactionary power supply offers a different energy for every channel of the amplifier. The filtering, made by more than 32 sensibly placed electrolytic and polypropylene capacitors, all of brand Mundorf, offers a total capacity of 256,000 μ F and is fed by 2 transformers of 300 Va. Naturally, a circuit of temporization "Soft Start" insures a starting up for a better durability.

LOOK AND FINISH

It is cabled by means of cables selected according to their place among which of wide diameter pure copper cables and MPC Audio cables constituted by special alloys.

Its isostatic insulation is realized by a plate of blue labradorite cut and polished in the most beautiful stones by exceptional craftsmen. This mineral of multiple virtues is among others characterized by a unique mixture of crystals of a density different from that of the

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essential mass. It protects the circuits of the converter of all the ambient energy vibrations. It rests on Soundcare Superspike feet.

Eon Art delivers its devices with an excellent sector cable from MPC Audio, developed specifically for the Eon series from the highest models of the brand, taking into account the requirements without concession of our specifications.

Its aestheticism in the looks of quiet strength resumes the principles of the brand. A bare front face set by a logo in enamel and furnished with polished labradorite. A musical jewel in a stony case. A masterpiece of craftsmanship which arouses desire and passion.

This amplifier which marries the noblest materials and intentions is an object of desire of a redoubtable precision and its soul is really the one of a musician. Ask to listen to it.

Characteristics

Power consumption:

*In sleep mode < 1 W / working 360 W
European version = 230V AC à 50 Hz
American version = 115V AC à 60 Hz*

Protection:

Protected against thermal and voltage excesses for a normal operation upon the instructions user manual.

Front face:

10 mm massive black or silver

Power:

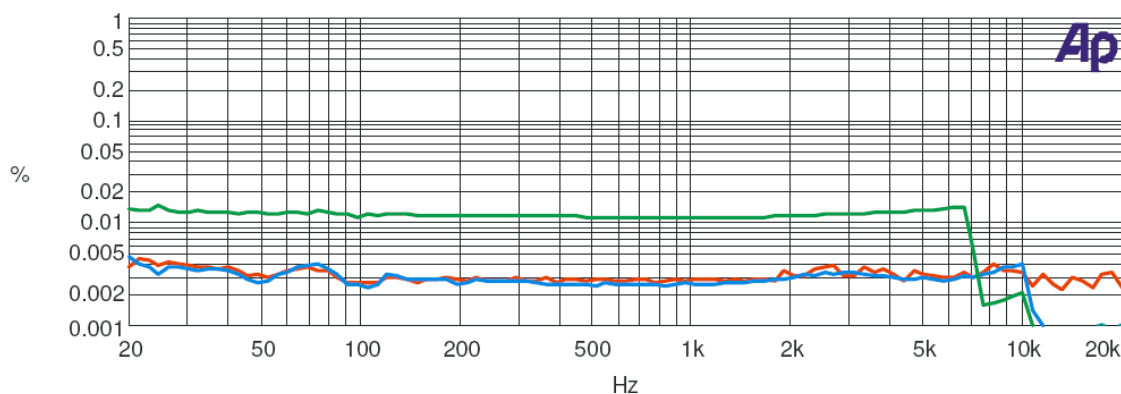
2 x 150 W RMS under 8 Ohms

Dimensions (W, L, D) and weight: *450 x 410 x 155 mm, 33 Kg*

Packaging:

Foam protected in wooden case.

THD vs. Frequency (8Ω)



From top to bottom: 40W, 10W, 1W

Hand crafted with love in France and Québec by Eon Art Inc.