

PREAMPLIFIER EON PRE 5

Thanks to its Burson input stage in discreet components, its 2 preamplifier channels base on 6H23N-EB tubes, its extreme performance tubes power supply constituted by a particularly elaborated set of 5 tubes, its Duelund and Mundorf capacitors as well as its Kiwame resistances, a Mpc cabling, it delivers as much with energy the densest musical passages and as with subtlety the most felted.



Having for objective to be a product of exception with as only requirement the faithful reproduction of the music, the preamplifier Eon PRE 5 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

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 PRE 5 preamplifier possesses 4 stereo asymmetric CINCH (RCA) line input.

OUTPUTS

A dual asymmetric CINCH (RCA) and a single XLR output by Lundahl transformer for each channel. It also possesses two modes of bypass of which one with control of volume, redirecting entries directly towards the amplifier without crossing by the preamplifier stage what allows its integration in the existing systems.

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

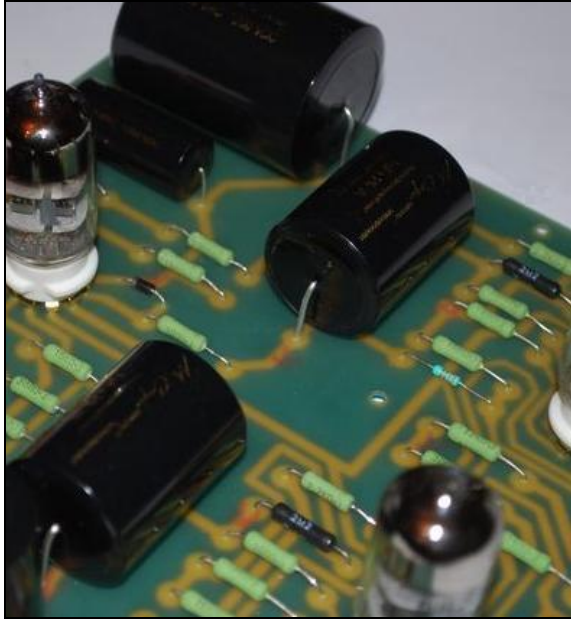
A digital display allows the visualization of the choice of the selected source as well as the level of the sound volume.

REMOTE CONTROL

A remote control in metallic case allows the management of the sound volume. A manual system of command by pushbuttons resumes the functions on the front of the product.



CONCEPTION



INPUTS STAGE

The 4 line inputs of the preamplifier are taken care by a selector based on relay. The first one of these inputs offers of more a impedance adaptation stage, made with discreet components operational amplifiers of brand Burson with a separate power supply.

PREAMPLIFIER STAGE

Based on a trio of 6H23N-EB tubes specially selected it can also use 6922, his 6 Duelund capacitors and its Kiwame resistances brings him precision and transparency. A circuit of protection makes sure of the stabilization of the parameters of functioning before letting the signal get out.

POWER SUPPLY

Its design based only on tubes allows him to avoid the drought the power supplies with conversion by diodes in discreet components and with regulation by transistors, more economic, that we often find in tubes preamplifiers. Here one 5AR4 takes care of the conversion and the power supply is stabilized by a set of two 6V6G, one 12AX7 and one 0B2 gas regulator. Oversized Kiwame resistance and a set of Mundorf Supreme and Supreme Silver Gold, as well as Duelund, capacitors complete this stage. A supplementary stage using Mundorf polypropylene TubeCap decouple the high voltage of the preamplifier.

The filament power supply of the three signal tubes are stabilized by a dc regulator. A transformer of 230 Va feed the group of tubes.

Another power supply, with a transformer of 20 Va, is used for the electronics of command of the source selector and the volume controller.

A last power supply is dedicated to the impedance adaptation stage, made with discreet components operational amplifiers of brand Burson. We use a double autonomous

v02-2011 ©2009-2011 Eon Art Inc.

www.eon-art.com

eon-art@eon-art.com

The Burson, Cirrus Logic, Duelund, Hypex, Lundahl, MPC Audio, Mundorf, Rca, Soundcare, Styroflex, Vishay Dale and Wolfson are the property of their various manufacturers.

regulated power supply with its own dedicated RCORE transformer of 50 Va with dual secondary's for this stage.

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 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 preamplifier 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 140 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

Dimensions (W, L, D) and weight: 450 x 410 x 195 mm, 42 Kg

Packaging:

Foam protected in wooden case.

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