

EonArt



HOME CINEMA MONOLITH CINE

With the 32 tubes of its 8 channels preamplifier with tube power supply, its 8 Burson input stage in discreet components, its 4 entrances of 8 channels and its volume controller of with selection by remote control, its 7 channels of 150 watt amplifier and its "Sub" channel of 1000 watts, 14 transformers and 148 Mundorf capacitors of its power supply its plan without ambiguity and its Mpc Audio cabling; it is the quintessence of the integrated amplifier for home cinema.

And as you will it by reading this document; they are only a part of its numerous characteristics and possibilities.



Having for objective to be a product of exception with as only requirement the faithful reproduction of the cinema and the concerts, the Monolith CINE offers you all the emotion of the source without deducting or adding whatever it is.

Made from the same circuits and on architecture ensuing directly from our excellent products of the Eon series, 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 and the cinema that we take pleasure to share with the very musicians who are the source of our inspiration.

He knows how to be elegant, dressed in his 4mm facade in the colors of your choice and majestic from the 1m37 of his structure in blue labradorite. In spite of his extreme performance, he remains flexible by offering evolved features. You can in very large halls use its XLR output and deactivate the power supply of the amplifier corresponding to use it in conjunction with separate amplifier or loudspeakers. In the absolute, join it to 8 of our Monolith CM11 amplifiers of 900 watts.

It is possible to start up channels 1 and 2, 3 and 4, 5 - 7, and SUB separately and so to leave in functioning only the required channels for, by example, the listening of an only stereo recording.

Channels 1 and 2 can be duplicated on 3 and 4 for a passive bi-amping of the front loudspeakers, or to drive a second room loudspeakers set, by the flip of a simple switch. The XLR outputs of the preamplifier section, piloted by excellent Lundahl transformers, can be disconnected by pushbuttons to eliminate all the interferences during the use of the asymmetric connectors.

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.



FUNCTIONALITIES

INPUTS

The Monolith CINE possesses a relay selector of 4 sources of 8 asymmetric CINCH (RCA) line input.

He allows to merge by a simple switch channels 1 and 3 as well as 2 and 4 to make a passive bi-amping or to use a second set (in another room) of loudspeakers for the front channels. These same channels possess an input buffer with impedance adaptation stage, made with discrete components operational amplifiers of brand Burson. The 3 inputs are direct and have this way a shorter signal.

This allows to connect any sources of the market having a multi-channels or stereo decode and it doesn't much matter the characteristics of outputs of these one.

OUTPUTS

8 preamplifier outputs with XLR connectors allow the use of external amplifiers or amplified loudspeakers and SUB. They use Lundahl transformers and each of them can be disconnected by pushbuttons to eliminate all the interferences during the use of the integrated amplifier circuits.

VOLUME

The Monolith CINE integrates a 8 channels volume controller with a display into the facade.

REMOTE CONTROL

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

INDICATORS

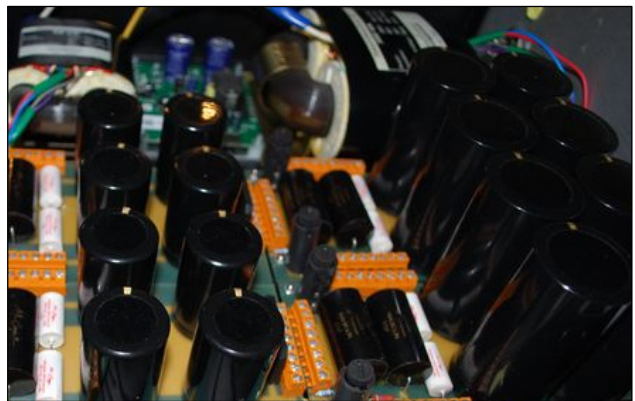
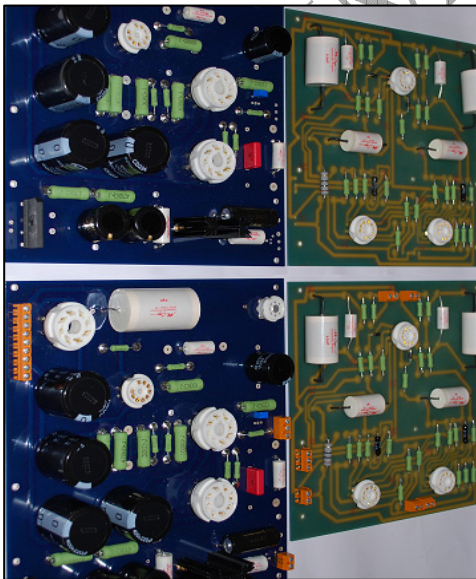
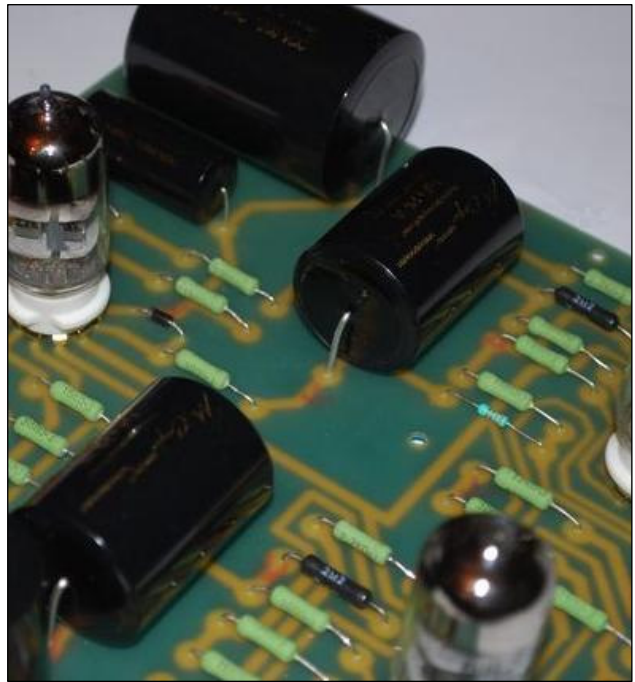
Indicators are placed in facade and allow noticing the working of the device. Behind, a series of diodes shows the smooth running of the numerous power supplies.

PREAMPLIFIERS

Channels 1 - 4 are facilitated with the use of Mundorf Silver Gold Oil for the signal and of tubes 6922EHG while Mundorf Supreme and 6922 are used for channel 4 to 8. We wanted to privilege both front main loudspeakers while keeping the same sound signature on the other channels for a totally homogeneous system.

AMPLIFIERS

7 amplifier channels of 150 watt and a supplementary amplifier channel of 1000 watts for the SUB possess all a Burson input stage made with discrete components. Clearly identified binding posts support naked cable or banana plugs.



CONCEPTION

INPUT STAGE

The 4 line inputs of Monolith CINE containing each 8 connector CINCH (RCA is taken care by a selector on relay base. The first one of these inputs offer, furthermore, an impedance adaptation stage, made with discreet components operational amplifiers, of brand Burson. We use an octal autonomous regulated power supply with 4 dedicated RCORE transformer of 50 Va with 2 secondaries for this stage. We voluntarily decided not to include decoders, which become quickly obsolete, and to refer to the decoders of sources used with the system until a maximum of 7.1 channels.

PREAMPLIFIER STAGE

Based on a trio of specially selected 6922EHG or 6922 tubes by all 2 channels set, he can also use 6H23N-EB. Its 12 signals Mundorf Supreme Silver Gold Oil capacitors for channels 1 - 4 and its 12 Mundorf Supreme capacitors for channels 5 to 8 as well as its Kiwame resistances bring him precision and transparency. A circuit of protection makes sure of the stabilization of the parameters of functioning before letting going out the audio signal via the 8 channels volume controller.

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 four 5AR4 tubes takes care of the conversion and the power supply is stabilized by a set of eight 6V6G, four 12AX7 and four 0B2 gas regulator. Oversized Kiwame resistance and a set of Mundorf MCap capacitors complete this stage. A supplementary stage using Mundorf polypropylene TubeCap decouple the high voltage of the preamplifier.

The filament power supply of the twelve signals tubes are stabilized by 4 DC regulators. 4 RCORE transformers of 100 Va feed the group of tubes.

Another totally independent power supply is used for the electronics of command of the source selector and the volume controller.

8 extremely fast power supply offers a different energy for each of the amplifier channel. The filtering, made by more than 64 sensibly placed electrolytic and polypropylene capacitors, all of brand Mundorf, offers a total capacity of 700,000 μF and his feed by 7 transformers of 300 Va and one of 1500 Va. Naturally, a circuit of temporization "Soft Start" insures a starting up for a better durability.

All in all it is more than 148 Mundorf capacitors which are used only for the power supply!

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 seven general channels allows them a functioning under extremely conservative parameters to insure them a balance of the best points on its performances curves.

The 1000 watt channel is produced by a module which can easily offer more than 2000 watts RMS and is once again to use in a most conservative way.

The inputs of the amplifiers 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 8 autonomous regulated power supplies with 4 dedicated RCORE transformer of 50 Va with dual secondary's for this stage.

LOOK AND FINISH

The Monolith CINE 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.

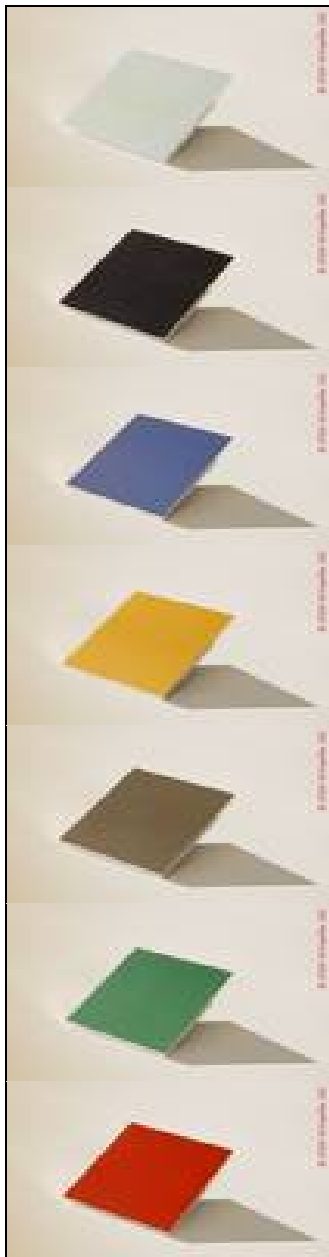
Eon Art delivers its devices with an excellent sector cable from MPC Audio, developed specifically for the Monolith CINE from the highest models of the brand, taking into account the requirements without concession of our specifications.

The sides are drilled to allow a better calorific evacuation and guarantee a stability of performances. They will also allow you to appreciate the brightness of warm light of its 32 tubes and its circuits.

It is available in attractive or sober colors and adapts itself perfectly to all the decorations. That we put it discreetly in a corner of the room, gathering in a single point almost completeness of the electronics of the home cinema, either in evidence in the front of the scene, he will know how to offer the wanted effect.

It is of these systems which are of a class to part. The faithful representative of our ultra high-end electronics Monolith series.

In metallic finish 4 mm in thickness
in the following colors:



In « clear Plexiglass » finish 4 mm in thickness in the following colors:



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.

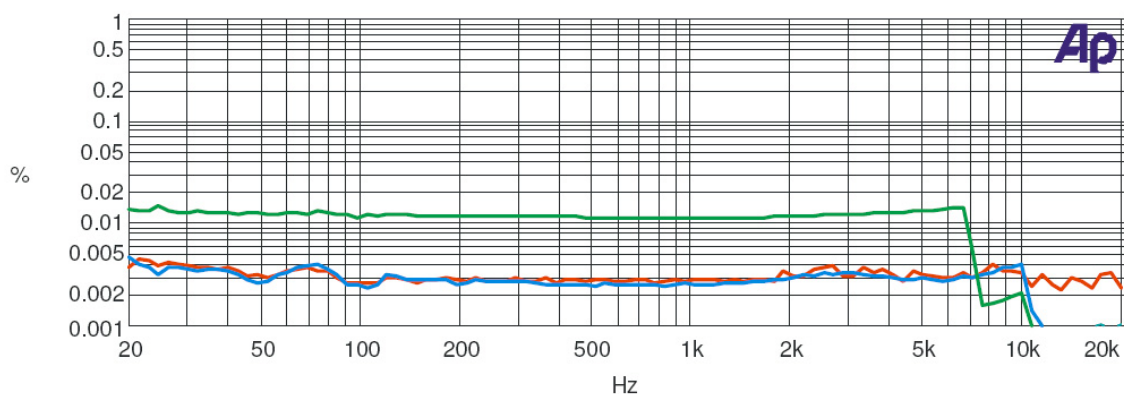
The range Monolith is constituted, besides this model, by a stereo preamplifier with integrated converter, by a monophonic amplifier of 900 watts, one stereo integrated amplifier of 150 watts. The elements of the range harmonize between them to improve the performances and the possibilities while keeping a unique visual style.

This home cinema integrated 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 < 2 W / working 3000 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 in a choice of colours. Gold-coloured or chrome-plated buttons
Power:	7 x 150 W RMS under 8 Ohms 1 x 1000 W RMS under 8 Ohms
Dimensions (W, L, D) and weight:	300 x 410 x 1370 mm, 320 Kg
Packaging:	Isolated by foam in a wooden box on a palette. Specific packaging.

THD vs. Frequency (8Ω)



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

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

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