

N° 201 - AOUT/SEPTEMBRE 2014

haute fidélité

Ampli
intégré
JADIS 150



ATOLL SDA200



AURENDER X100S



MICROMEGA MYAMP



AURA NOTE V2

Les nouveautés de la rentrée

L 15813 - 201 - F: 5,80 € - RD



AND 5.50€ - DOM 6.90€ - BEL 6.50€ - CH 11F5 - CAN 9.95\$CA - ESP/ITA/PORT.CONT 6,90€ - TOM/S 850CFP

The tube remains an up-to-date component for the sound amplification. Jadis, which never doubted about it, offers us today this I50 integrated amplifier. It uses the newest generation of tetrode. Moreover, a digital input is also available.

Jadis was created 31 years ago. At the time it was created, the company had to adapt its production to the increasing demand due to the success its units met all around the world. It is will the case today as the majority of the production is being exported. The current catalogue is really rich, with 3 sources, DAC converters, preamplifiers and power amplifiers and integrated amplifiers. The I50 is the newest integrated amplifier and inaugurate several new technologies.

KT and USB:

Despite the fact that the I50 is the result of the last consideration of Jadis, it is mounted in a chassis that follows the original design which is esteemed by audiophiles all around the world.

chassis is made out of thick mirror polished stainless steel. The front of the unit displays a golden plate which is mirror polished as well. All the information relative to the different functions of the unit are engraved in this golden plate. From left to right you will find: the on/off button, motorized volume selector, balance, and source selection. On the top of the unit are 9 tubes, 3 transformers (designed and manufactured at Jadis), and few element of the high tension regulation such as the heat sink and capacitors. Next to these capacitors is the remote control receptor. The tubes are protected by a cage. We note 2 high gain double triodes (12AX7) and 2 medium gain double triodes (12AU7EH) and then the 4 tetrodes.



JADIS I50

AN UP-TO DATE AMPLIFIER



Technical specification:

Origin: France
Price : 8100 EUR
Dimension :
48.5x33x34.5cm
weight : 32Kg
Power output : 50W in pure
class-A at 8 Ohm
Analog input : 4 RCA (LINE)
Digital input : 1 USB B
(16/48)
Output : 4 pair of speaker
connector
(for bi-wiring)

The KT150 produced by TungSol in Russia are mounted in a push-pull configuration. These tubes are shaped like an egg in order to improve the thermal dissipation. The gain and the driver stage are similar to the other push-pull units

made by Jadis. The output stage had been specially designed for the KT150. This tube is capable to reach about 300W output in a class-AB push-pull configuration. Nevertheless Jadis use this tube in another configuration as it is polarized in pure class-A in a highly linear area. The I50 brings 50W per canal of high quality power. The other surprise given by this Jadis

is the USB digital input compatible with 16/48 and thus, integrating a converter. The DAC is build around the CS4398 and CM102S chips and is provided by a supplier. Jadis wanted to "offer a musical solution without increasing the budget". As we can see, the inside of the unit is made with point to point wiring, which is a method always used by Jadis. The speaker connectors doubled and in parallel on each channel, allowing bi-wiring.

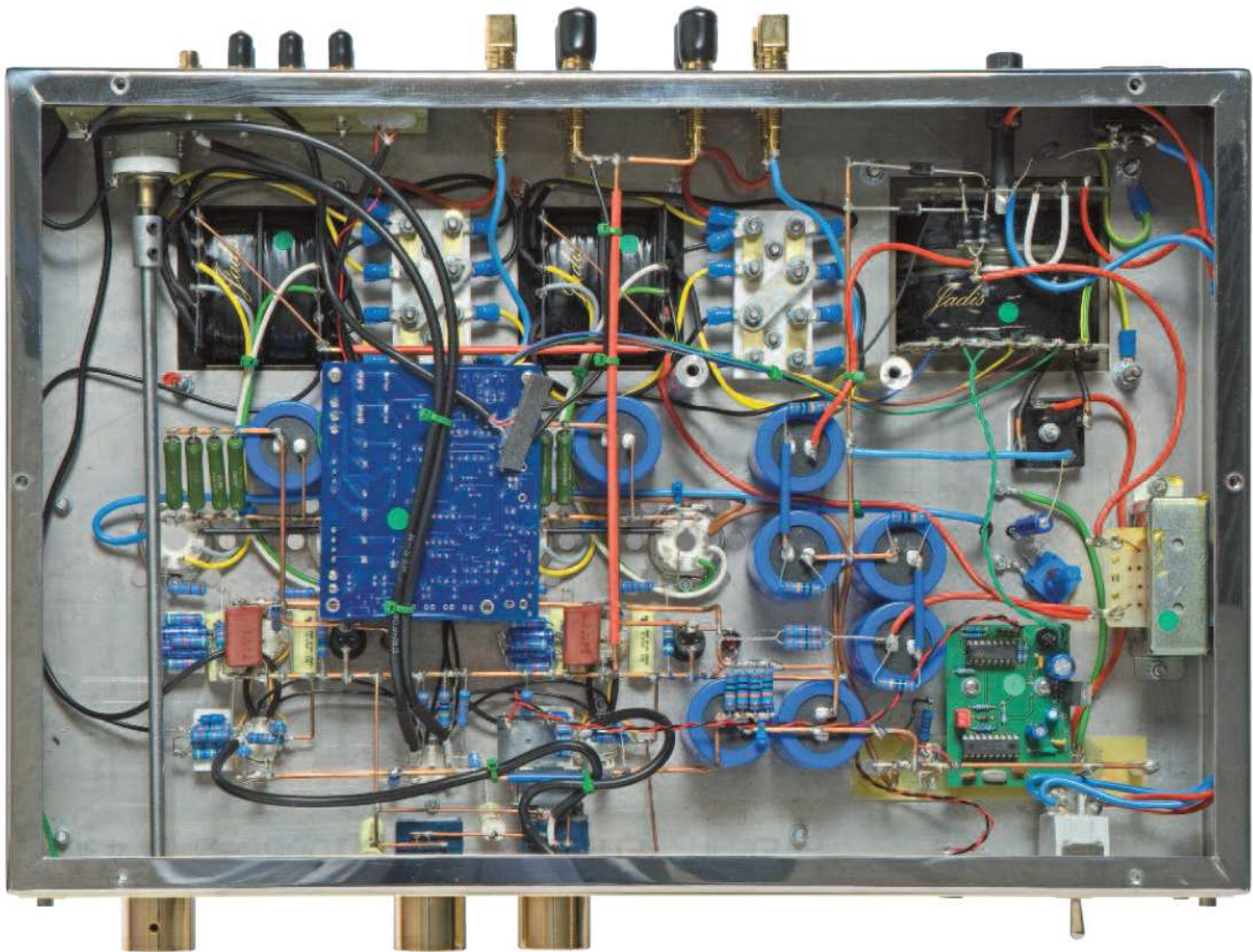
FABRICATION AND LISTENING

Construction: Jadis is one of the emblematic high-end brands in the world. Its reputation comes from the sonic quality of its products and its unique design as well. The I50 follow all these criteria with the mirror polished stainless steel and the golden 24L plating mixing sobriety and elegance. The implantation of the components inside the chassis was carefully considered in order to optimize the transportation of the signal.

JADIS I50

Components: Another particularity of the Jadis gears are the transformers. They are all manufactured in their factory and thoughtfully calculated of each application. The passive components follow the same rule since construction of the firsts units of the brand. Quality, availability and complying with the norms. The digital input is the main unexpected feature on this unit along with the KT150.

Bass: Unlike many manufacturer whom are trying to get as much power as possible of their gears, Jadis prefers to emphasis on the quality and reliability aspects. The announced 50W in class-A indicate that the KT150 are working at a cruise speed. The low frequencies are really healthy and are able to go really deep with ease but without exaggeration of robotic tension. The synthetic bass on the song "Moonlight on Spring River" by Zhao Cong reaches the lower octaves with a good level and articulation.



Air-wiring is one of the technics that Jadis uses in all of its products. The printed board on the left is the DAC. On the right side of the chassis is the high-current smoothing chock.

Product of the month



Listening system:

Nagra CDP player

Reimyo DAP-999EX

iMac & iTunes

Hifi Cables : Montain & Leedh Universal

Speakers : Pierre-Etienne Léon Maestral

Midrange: This is in that particular frequency area that the I50 shows all its possibilities. The functioning point and the polarization of the KT150 are different than what is adopted by the competitors' products. The result is easily hearable. We don't often hear tetrode and particularly the KT150 sounding the way they do on the Jadis in the midrange. The timbres are excellent and trustful, dynamic and natural along with an outstanding aeration. "Ha Vinto Amor"'s Baroque violins interpreted by Simone Kermes get a very well documented harmonics. On this tricky test, their natural sound which is a little bitter never became sour.

Treble: On this area as well the I50 is making a remarkable job compared to the majority of push-pull. Indeed the push-pull is a configuration from which most try to extract as much power as possible and thus are polarized in class-AB tend to have a recognizable highrange lacking precision and readability compared to the traditional simple stage configuration. Jadis succeeded to compromise both world and brings us a delicate and detailed highrange with this I50, even while playing dematerialized files. Which is the sign of a musical USB interface. On the song "Gotcha" interpreted by Patricia Barber (WAV 16/44 file) the sibilance are extremely graceful, brass instrument are fluids, truthful and palpable.

Dynamic: "Tell me how you provide your circuit in electric current and I will tell you how

it could sound". This sentence could be one of the ten commandments of the high-fidelity. Jadis chose the regulated high current due to the great stability of the active components. Along with a large output energy reserve, the power supply allows the I50 to handle with no difficulty the transient calls. The drum kick on "Animal" by Francis Cabrel are delivered with a really credible subjective strength. At the other side of the bandwidth, the voice of Simone Kermes on "Ha Vinto Amor" keeps an incredible intelligibility.

Transient response: On the same song "Animal", the drum sticks impacts on the snare hits with a great immediacy. First, the skin emits a frank sound and then comes the snare resonance. Diverse, varied it last in time. This proves the high reactivity of the I50 with a rich and steady harmonic degraded with well amortized amplitude. The music notes come and vanish without any particular constraint. There are no edgy, or falsely aspects, overall everything sound authentic.

Sound stage: We have been seduced by the spatial transcription of this I50 which follows the steps of triodes amplifiers in terms of spatialization and holographic effects. Simone Dinnerstein's piano on "Largo" from the "Concerto n°5 de J-S. Bach" is hearable slightly on the left side of the stage in front of the orchestra. We can evaluate easily the pitch of the notes and the distance between it and the orchestra. The image is very stable, even beyond the speakers if the partition required it.

