

PRESENTATION

You have acquired a MIMETISM electronics component, and would express our thanks for your choice. It is a high quality piece of equipment, designed and manufactured by a team of music-loving technicians with more than a forty years of total experience in high fidelity sound reproducing equipment.

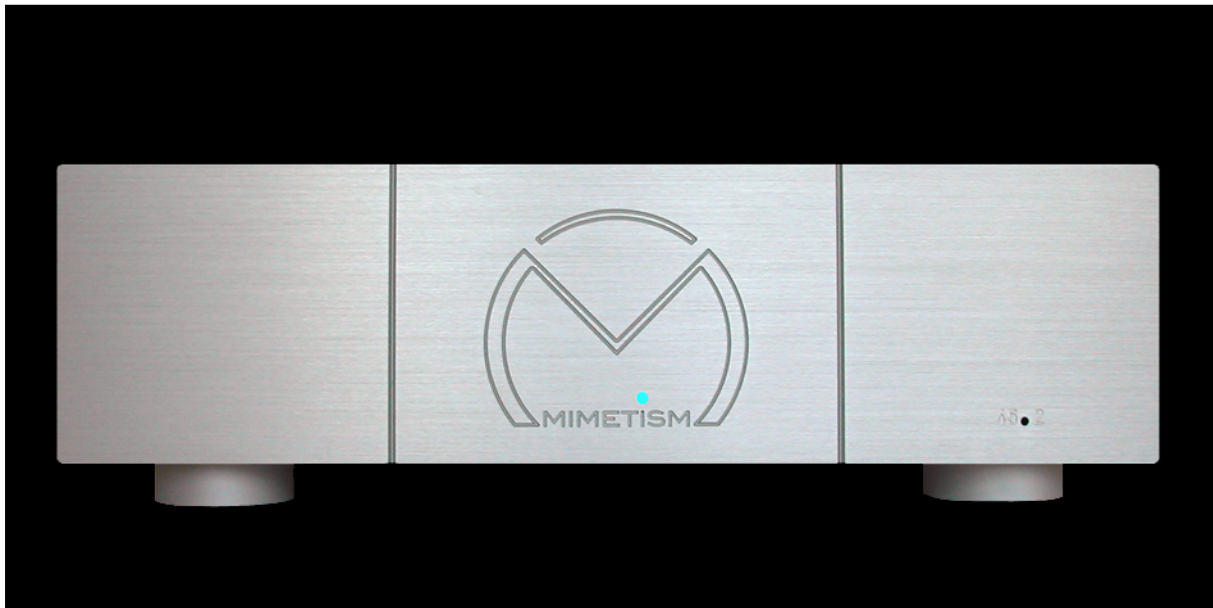
For true and accurate reproduction of music is still full of mysterious realities that are rebellious to scientific measurement. Not that MIMETISM believe in any form of magic. Simply the human ear is much more sensitive to many parameters than the most elaborate measuring instrument of today. Which, by the way, also applies to the eye and the nose.

Which is why your MIMETISM component rests on a solid technical foundation both from a design standpoint and from an execution point of view. But it would fall far short of the result that music lovers worldwide have come to expect from MIMETISM a long time over a long time if it had not subsequently gone through a lengthy refinement process borne out of numerous listening sessions.

Fact is that these sessions, conducted in blind and double blind mode by multiple experienced listeners in diverse settings, evidence differences that lead to development paths that measurements alone cannot explain.

Which is how your MIMETISM equipment ends up with many refinements in areas that may seem minor, but which, when implemented in combination add up to an unquestionable and substantial increase in fidelity and listening enjoyment. As such, the choice of components, their number, the layout of each circuit board, the mechanical assembly and vibration issues, the wiring and electrical connections are all areas MIMETISM knows to be critical to the end result. You will find evidence of this painstaking and passionate work: your equipment is wired throughout in high resolution Cable, connectors are gold plated, power supplies are oversized and sport multiple by-passes, capacitors are made of polypropylene and styroflex, printed circuit boards are two-sided with metallized holes, transformers are low radiation toroidal designs, feet are massive turned metal, chassis are heavy metal and fitted with damping material. Your component is shielded against electro-magnetic induction with shielding material and plates. This list could go on and on...

But for you, what we feel matters most is that your new piece of equipment give you the pleasure you are entitled to, and that for many years to come. That is what MIMETISM and its specialized dealers are committed to.



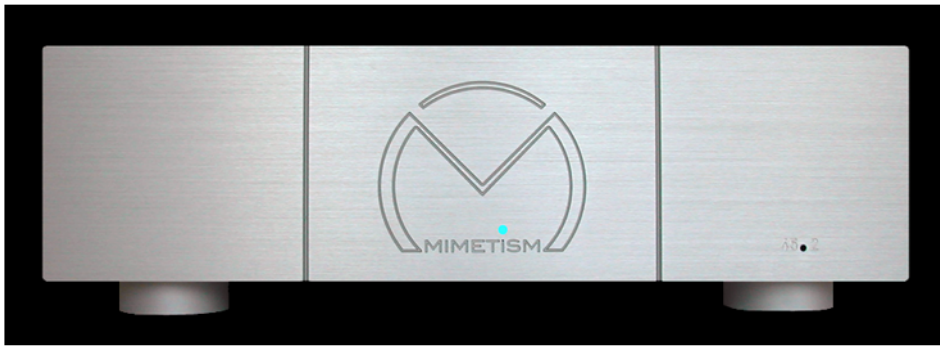
TECHNICAL DATA with AUDIO PRECISION analyser

Output power	180 Watts RMS at 8 Ω , 230 V 360 Watts RMS at 4 Ω , 230 V
Signal to noise	110 dB
Distortion at 8 Ω	0.005 % 80 Watts / 100 Hz 0.005 % 80 Watts / 1000 Hz 0.010 % 80 Watts / 10 KHz
Input impedance	47 K Ω
Rise time	1.8 μ s / 10 KHz

MIMETISM 45.2 AMPLIFIER

Description
Power Amplifier Dual Mono
Power Supply 1'000 VA
Input Unbalanced RCA
Input Balanced XLR
Speakers Bi-Wiring
Trigger In / Out

MIMETISM AUDIO policy is one of continuous improvement. Design and specifications are therefore subject to change without prior notice. For more informations, viste the web site MIMETISM : <http://www.mimetism.com> - Email : info@mimetism.com - December 2006



INTEGRATED AMPLIFIER MIMETISM 15.2

**2 x 180 Watts RMS at 8 ohms , 230 V - 2 x 360 Watts RMS at 4 ohms , 230 V
1'000 VA power supply - Inputs - 1 x unbalanced - 1 x balanced**

From a purely technical standpoint, the challenge was to design a circuit that would be simple and yet uncompromising in terms of musicality and reliability.

Using Surface Mounted with tight tolerance components associated with traditional ones at the most strategic places enabled to shorten the signal path length.

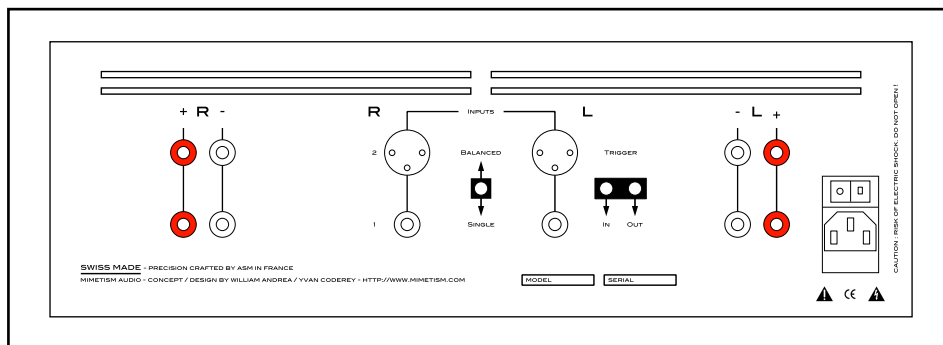
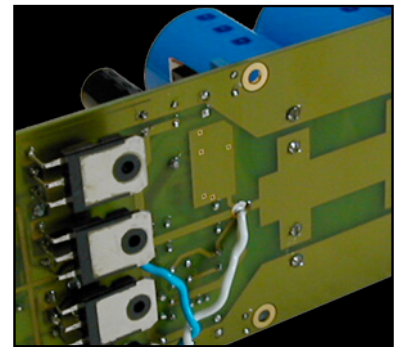
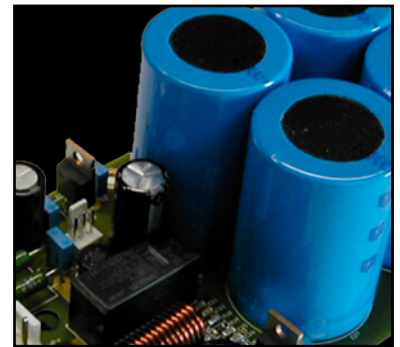
The amplification uses the highly acclaimed Hitachi Lateral Mosfets 2SK1058 & 2SJ162 complementary power transistors, in a configuration of two pairs per channel.

The input section uses a cascode differential stage for the best performance. Both the pre-driver and the driver stages are based on High-Voltage Power Bipolar Transistors used in HF designs. The driver operates in pure class A. The circuit is fully direct-coupled but for a single ingress capacitor.

Each channel has its own power supply with a hefty 60,000 microfarads of filtration, achieved via high current diodes without switching peaks. A delayed start-up function linked to the D.C. protection circuit is built into each channel.

The gigantic 1000 VA toroidal transformer has two separate windings for each channel. To avoid current saturation, a power resistor has been placed in the power supply. After a very short delay, this is coupled to a power relay that limits the current.

The loudspeaker output terminals are fed by solid copper bars.



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