

MASTERSOUND



Dueundici

Made in Italy

Our Philosophy

Our philosophy is simple: we want to produce amplifiers which stimulate the emotions for those who enjoy music.

We believe that every piece of music played through our amplifiers should arouse in the listener the same emotions as the artist who composed it and the musician who interpreted it.

We believe by using Mastersound amplifiers that the listener will feel immersed in the music, absorbed in the execution of the piece, enjoying, in the most natural way, the details of the voices and the instruments played.



In the 1950s, Cesare Sanavio graduated as an electronic expert with a thesis on output transformers in tube amplifiers. His first major consultancy in the field of radio and television equipment, at a time of great ferment, comes from an American company that leads him to travel to various foreign locations. Originally in Brazil where he also reaches the family, then in Chile and finally in Paraguay, where he also deals with the design and installation of sound systems (initially amplified by tube systems) for churches and shops. It's in those years that his son Luciano began his first experiences in the art of building tube amplifiers .



The first amplifier Mastersound (1994)

Cesare come back in Italy with his family and for several years he works as a consultant for some hi-fi companies. After fifty years of experience in the design and construction of audio systems, and refinement in the construction of its special output transformers, he decides to found Mastersound together with his sons. The first "2-11 A" amplifier of the brand "Mastersound" receives unanimous consent from the public and the operators and allows the company to become a reference on the market. After the disappearance of Cesare, Lorenzo and Luciano, continue their father's project for many years and at the end of 2015, thanks to new partnerships aimed at increasing international affiliation, the new "Mastersound srl" is born.



Cesare Sanavio

Who we are:

Mastersound today has a new and largest headquarters in Arcugnano in the province of Vicenza and is made by people ready to seize new challenges, united by the same profound passion of Cesare Sanavio.

Luciano Sanavio (Production Manager) thanks to his engineering studies, his natural ability and curiosity, gets ever more exciting results with his production staff. Mastersound output transformers designed and built entirely by our laboratories, express unmatched bandwidth values and are therefore recognized globally.

Lorenzo Sanavio (Administrative Manager) with his passion and ability has successfully enabled the introduction of family amplifiers around the world, enabling Luciano's continued research activities.

The Mastersound team has been enriched by the new partner, Antonio Ferro (Sales Manager), who has been the distributor and retailer of the best hi-fi brands for more than 10 years, after an equal long experience in the fashion market.

Our goal is to produce tubes amplifiers with the best quality available on the market while maintaining the tradition of "hand-made" products in Italy. We intend to meet the most demanding high fidelity enthusiasts around the world.



Integrated Amplifier

Dueundici



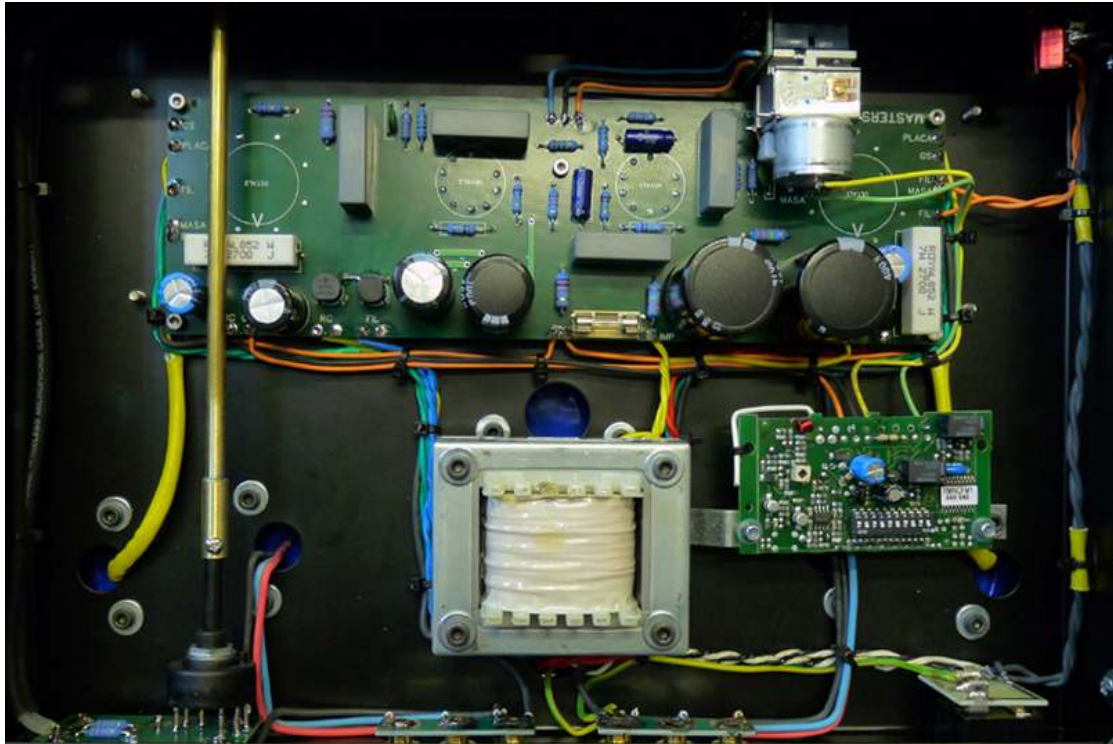
Congratulations on your choice!

The model single ended Dueundici that You chose is a integrated amplifier in pure class "A" which enhances the technical evolution of the classic pentode EL 34.

The output transformer we designed and manufactured for this pentode allows to reach a range of extension which would be otherwise impossible with standard output transformers which need work with a negative reaction.

The result is a perfect sound stage and a surprising presence.

Inside



We built the Dueundici model with the utmost care, using only selected materials. Our product passed the stricter quality tests with excellent results and is now ready to offer You many years of pleasant listening.

A new amplifier needs to be put on at low volume in order to perform at its best the musicality and high definition of sound.

After a “training” period, You will have to play Your apparatus for at least twenty minutes before the circuits can entirely stabilize and reach the ideal temperature for playing.

We therefore recommend that You follow our simple instructions to get the best results in listening.

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Tubes installation

(If not already installs)



During the transportation the tubes are kept in an appropriate box and then they must be placed in the **correct** position (see the photo above).

The EL 34 tube is indicated either by letter A , B ecc., which stand between the pins and are written on the base: that is the right place for the tube to be installed.

BE CAREFUL: there is only one correct position for the tube! So please check the right position of the eight pins and do not force the installation in any way: You could seriously damage the sockets



EL 34



ECC 802

Rear view



1. Holder containing a plug with incorporated fuse (phase direction indicated in red).
2. Six speakers connectors: two with black rings and four with red rings (8-4 ohms).
3. Three pair of RCA connector for the inputs line and one pair for the phono input.
4. Turntable ground connector.
5. Our logo label with the serial number

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Check list

To be done by the dealer:

set up the amplifier with the right impedance 4/8 ohm suitable for the speakers and select the right main line according to country.

The above checks are to be made inside the amplifier and shall be carried out only by qualified staff.

Inserting the power plug be careful with the red screw that indicates the correct phase.

To be done by the Purchaser:

- Place the amplifier on a solid and flat surface.
- Place the tubes in their correct socket positions.
- Connect the speakers to the speaker connectors joining the positive cable (the red one or the one with the plus sign) to the red plug and the negative cable (the black one or the one with the minus sign) to the black plug.
- Connect the amplifier making sure that the voltage in Your main line is the same as indicated on the back of the unit and corresponds to Your country's electrical current

Switching on of the amplifier

On the front panel of the amplifier there are some red lights, which light up when You switch on the amplifier to indicate the correct functioning.

The amplifier must be pre-heated at least for twenty minutes, to reach the right temperature so as to get the best results in listening.

The cylinders of the transformer have the function of heat sinks of the system, so it's normal that they reach a certain temperature during the listening sessions.

Last recommendations

Never remove or insert the AC plug when the unit is on.

Any change of interconnectors (cables, etc...) must be done with the amplifier switched in the off position.

Never move or remove the amplifier when tubes are still hot.

Never install or remove tubes when the amplifier is still switched in the on position.

Maintenance of the amplifier

Avoid extremely hot locations such as near radiators, stove or other heating units.

Use gently a wet and soft cloth (buckskin) to clean Your amplifier and dry immediately.

Never clean Your amplifier when hot or running.

Do not forget to take out the plugs before starting to clean the amplifier.

The contents of the boxes

- 1 integrated amplifiers
- a complete set of select tubes
- 1 feed-line cables
- the warranty
- 1 user's handbook
- 1 remote control (optional)

Specifications

- Integrated tube amplifier
- Single Ended in Classe "A"
- A selected pair out tubes EL 34 EH
- Driver selected tubes 2 x ECC 802
- Power output 11 Watts /Channel
- Inputs: 3 x Line + Phono MM
- Input sensitivity 1 Volt
- Input impedance 50 K Ohm
- Load impedance 4 - 8 Ohm
- Output transformer Mastersound
- Negative feedback "non-existent" 0 db
- Frequency 15 Hz / 35 Khz - 0 db
- Volume with remote control (Optional)
- Dimensions 41 x 29,5 x 20 cm. (16,1 x 11,6 x 7,8 inch)
- Weight 15 Kg (33 lb)

Due to continuous progress in research and development, our products may present different features of those described.



Warranty

Your *Dueundici*, except the tubes, comes with a five years limited warranty covering defects in material and craftsmanship. During the warranty period, repairs are provided free of charge. Transportation costs and from the repair provider has to be paid by the owner.

This warranty is void when:

- the serial numbers have been removed
- the screws fixed to the underside, have been removed
- other kind of tubes different from the original have been used.
- the amplifier has been operated without loudspeakers.
- violent damage to the amplifier.

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