

# MASTERSOUND

*Master Emotion*



*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 Master Sound 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.



## *Mastersound story*

MasterSound is an Italian company which has produced, for the past 18 years, class "A", tube amplifiers.

Our most important priority is to build equipment of the highest quality.

We give the highest attention to quality in our design, our components, and our construction.

Each part of our amplifier has been hand built with passion and skill.

Our attention to detail will guarantee years and years of trouble free listening.



The first amplifier (1994)



*Cesare Sanavio*

We have carefully designed and hand built all of the transformers.

We, at MasterSound, believe that the output transformer is the heart of any tube amplifier.

So, we have used our extensive experience in transformer technology to help create MasterSound's greatest achievement to date.

*Luciano e Lorenzo Sanavio*

# *Integrated Amplifier*

## *Dueundici*



*Congratulations on your choice!*

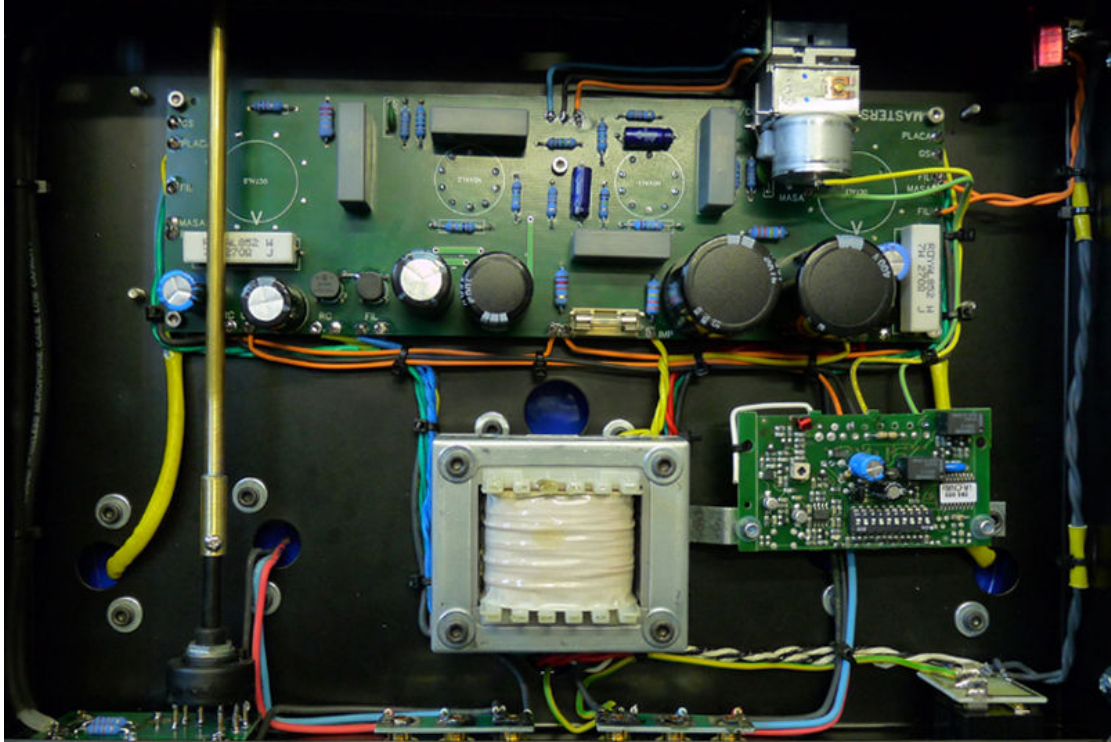
The model single ended Dueundici that You chose is a integrated amplifier in pure class "A" which enhances the technical evolution of the classic pentode EL 34.

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.

# 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 82

## Rear view



1. Holder containing a plug with incorporated fuse.
2. Six speakers connectors: two with black rings and four with red rings (8-4 ohms).
3. Six RCA connector for the inputs line
4. Our logo label with the serial number

# 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.

## **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 12 Watts /Channel
- Inputs: 3 x Line
- 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 / 30 Khz – 0 db
- Volume with remote control (Optional)
- Dimensions 40,5 x 29,5 x 20 cm.
- Weight 15 Kg

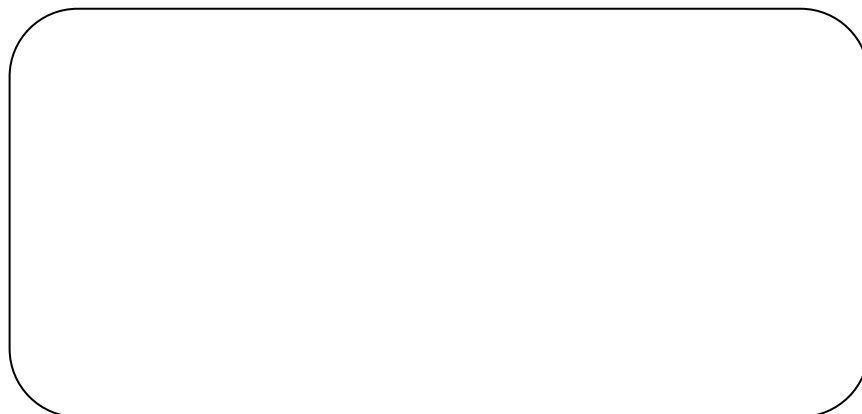
Due to continuous progress in research and development, our products may present different features than those described.

# 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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