

# MASTERSOUND

*Master Emotion*



*Evolution 845*

*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.



## *Mastersound story*

MasterSound is an Italian company which has produced, for the past 15 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  
2-11 A



*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, *Evolution 84.5*

Luciano e Lorenzo Sanavio

# *Integrated Amplifier*

## *Evolution 845*



The *Evolution 845* is the culmination of the collective knowledge and experience of all those who work with MasterSound.

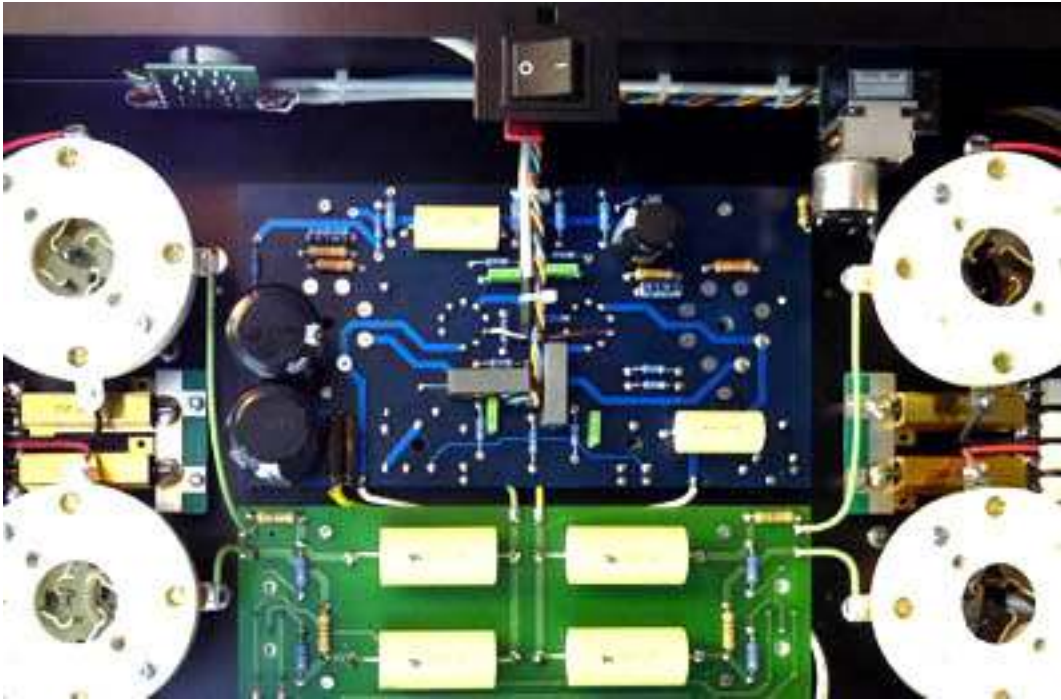
The total absence of feedback makes the *Evolution 845* fast, with imaging that is truly amazing.

Our new, dual drive control system of the *Evolution 845* pre-amp section grew from our careful research. Combined with our unique output transformer and powerful, 845 triodes working in Parallel Single Ended mode, the amplifier renders a genuinely engaging sound.

We use a semiautomatic biasing system, which once regulated, will give optimal life to the final tubes.

Finally, we use 24 karat gold connections on the *Evolution 845* circuit board. The capacitors are either manufactured by high quality for MasterSound

## Inside



We built the *Evolution 845* 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



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 845 tube is indicated either by letter A, B, C, D 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 four pins and do not force the installation in any way: You could seriously damage the sockets .



## Rear view



1. The bias control input.
2. Holder containing a plug with incorporated fuse.
3. Six speakers connectors :two with black rings and four with red rings (8-4 ohms).
4. RCA connector for the inputs
5. 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

A red led flashing lights, which should go on when You switch on the amplifier, indicating the correct functioning.

When the inner tensions have reached the correct level, while the red led light grows bright, the *Evolution 845* is ready to work.

Only after the amplifier be pre-heated for at least thirty minutes, will it reach the ideal temperature so as to get the best results in listening



## Last recommendations

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

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

# Specifications

- Integrated tube amplifier dual mono
- Parallel Single Ended in Classe "A"
- A selected quartet out tubes triode 845
- Pre-driver selected tubes 2 x ECC 82
- Driver selected tubes 2 x 6SN7 EH
- Power output 55 Watts /Channel
- Inputs: 3 x Line + 1 Direct
- Input sensitivity 1 Volt
- Input impedance 100 K Ohm
- Load impedance 4 - 8 Ohm
- Output transformer Mastersound
- Negative feedback "non-existent" 0 db
- Frequency 8 Hz / 40 Khz - 0 db
- Dimensions 54 x 47 x 27 cm. / 21,6 " x 18,5 " x 10,6 "
- Weight 53 Kg / 117,13 lbs - Unit

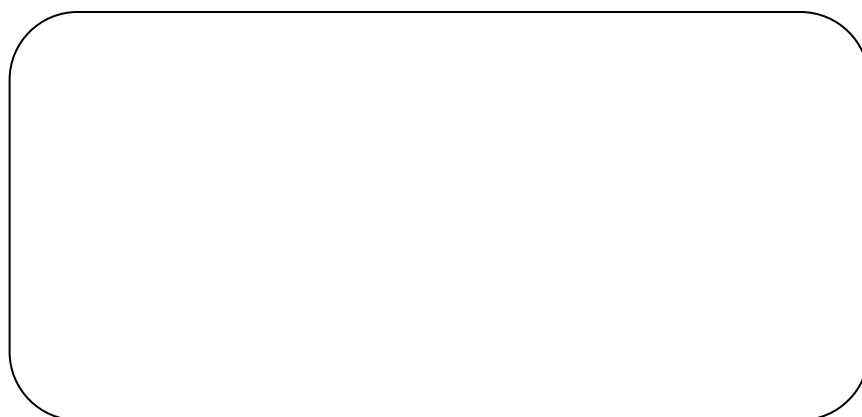
Due to continuous progress in research and development, our products may present different features oh those described.

## Warranty

Your *Evolution 845* , 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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