



## STUDIO 162 power amplifier

The Studio 162 amplifier was created to meet the new demands of sound reinforcement.

In this new model we wanted a high enough power able to drive without difficulty even demanding loads and at the same time a compact design and a captivating and functional aesthetics that has been made possible to fit into any environment without sacrificing dynamic quality and sonic performance .

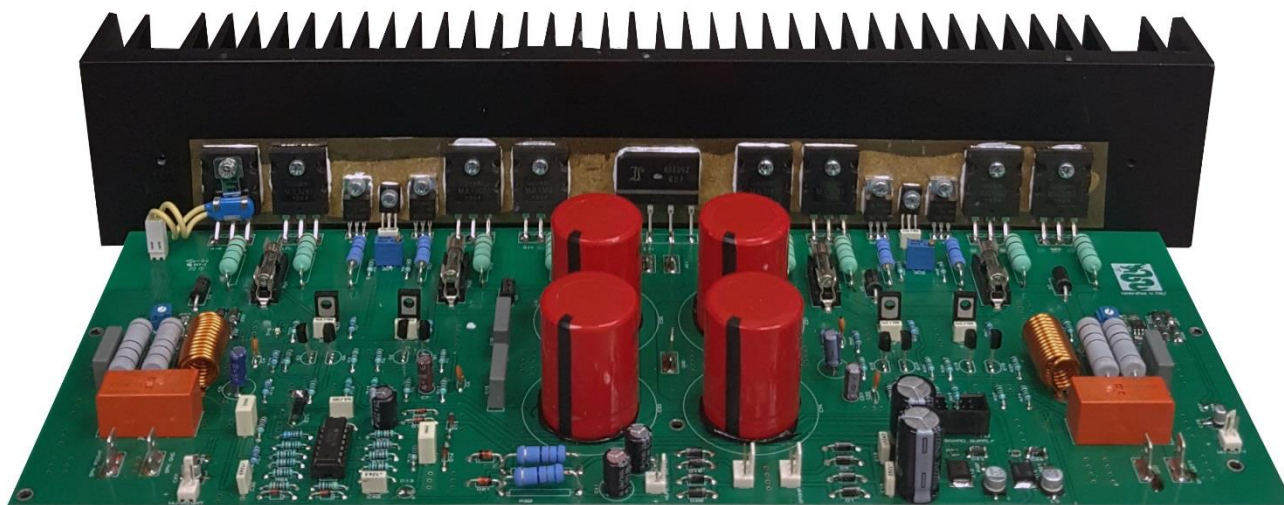
The new instrumentation components, the large power supply circuit and the high dumping factor ensure that the loudspeakers are clearly expressed to the limits of their capacities.

## Highlights

On a single Board there are the two amplification channels, the protection stage and the power circuit filter

This design allows you to shorten the electrical path from the transformer to the final output stages by reducing overall impedance and allowing the circuit to respond faster by better controlling the speakers and more accurately.

The energy that can be developed is entrusted to a 500 VA transformer capable of supplying all the power and dynamics required in any condition of use



The pursuit of perfect amplification is a well-known theme in high-end audio. New technologies present new approaches, while looking to the past provides inspiration for the future.

It is with this spirit that we have developed the new STUDIO line, with a design recommended by the best tradition and with a specific target sound: deep and expansive stage, accurate image positioning, extended and defined bass response and total control over the speakers also at very low impedances

## The power stadium

revolves around a circuit design in cascode configuration. This configuration allows a wide and extended bandwidth and the driving of the power amplifiers takes place through a Darlington type configuration.

2 pairs per channel of bipolar MJL 3281 / MJL 1302 transistors ensure reliability and stability in any condition of use.

The new generation of circuits with SMD components allows shorter signal paths, greater rejection of disturbances and a significant reduction in "microphonic" due to vibrations



### Specifiche Tecniche

- RMS power both channel driven      90 W @ 8 ohm , 160 W @ 4 ohm , 250 @ 2 ohm
- Input impedance :                      47 Kohm via XLR , 22 Kohm via RCA
- Slew/rate                                  35 V/uS
- DF    250 su 8 ohm a 50hz
- Input Sensivity                          1.4 Vrms per piena potenza
- Frequency response                    20hz – 28Khz +/- 0.05 db / 5hz – 100Khz +/- 3db
- THD vs FR                                0.003% @ 1Khz
- Input CMRR                               > 80 db
- Signal to noise ratio                   >107 db
- Dimension                                36 x 42 x 9 cm. ( P x L x H )
- weight                                      15 kg