



**Unicoprino** is a hybrid integrated stereo amplifier capable of delivering not less than 85W RMS continuous on a 8ohm load with both the channels driver (as usual for **UnisonResearch** declared power will be lower in order to keep our promises in every condition); with impulsive and not correlate signals (i.e. a real musical signal) the maximum power will be even higher.

The prototyping phase has been passed, the “fine tuning” consisting in long hours of listening test is done. After lots of sessions with different kind of music, different loudspeakers, different listeners and a number of little modifications and part selections the final release is now on the way to production lines.

Thoughts arisen some time ago, during the design of **Reference** power amplifier, induced the **UnisonResearch** technical staff to deeply investigate the sonic performances of ECC83/12AX7 double triode in particular configurations. These investigations led the designer to the idea of using this kind of triode in **Unico** line instead of ECC82/12AU7.

So we started a series of experiments on the on-production products, taking the best of our long time experience and of the result of or tests.

**Unicoprino** shares with **UnicoP** a design based on a single double triode, however in the new born amplifier the input and preamplifier stage has been tailor suited on a ECC83/12AX7 tube (whose characteristics are quite different from ECC82’s ones).

For the driver and power stages solutions long time tested in **Unico** amplifier has been implemented even with some little improvement suggested by the experience matured working on the following design.

Power supply has been revised increasing power transformer and filter capacitors in order to improve dynamics, bass response, driving capability.

Just to make this little amp (it represents the entry level piece of **Unico** series) a well equipped fighter against his competitors the design include a low impedance active stereo output dedicated to an active subwoofer or any other line-level input and the option to convert one of the line input to a phono input thanks to a easy to install RIAA preamplifier board.

The aesthetical line featuring black hairlined aluminium chassis give the **Unicoprino** a smart and sober looking, nice finishing of the surface and perfect proportions typical of an Italian style design. The aluminium chassis ensures high rigidity too with improved sonic performances and spurious vibrations dumping thanks to the three point suspension.

**UnisonResearch** technical staff has put all its efforts in this project with the ambitious aim of putting in a little amplifier all the knowledge, all the technology and all the passion they instil in the top level award winning devices.

#### Technical characteristics

Output power:	85W RMS on 8Ω
Frequency response:	-0.1dB @ 10Hz, - 0.5dB @ 100kHz
Input stage:	Pure A Class Tube stage (1 x ECC83/12AX7)
Output stage:	Dynamic A Class POWER MOSFET complementary pair
Inputs:	5 line unbalanced (1 phono optional)
Line Outputs:	1 tape, 1 sub (volume controlled)
Outputs connectors:	4 + 4 bi-wiring
Power consumption:	340W max
Dimensions:	43.5cm x 9.5cm x 43cm
Net weight:	15kg