



Main Specifications

Type: *Reference stereo integrated amplifier for headphone Pure class A double InPoL technology - fully balanced - digital Bias/gain setting technology*

Output power: *Balanced output 2x 10W@32Ohm
Unbalanced output 2x 3W@32Ohm*

Output Impedance: *Bal. 0,7 Ohm - Unbal.0,35 Ohm*

Frequency response: *1,5Hz – 200KHz ±0,5dB*

Volume regulator: *2 x Burr Brown PGA2310 (180steps 0,5 dB)*

THD: *0,025% @70W*

S/N Ratio: *>100dB*

Connections

Analogue inputs: *2 balanced XLR line,
4 unbalanced RCA line*

Digital inputs: *(require optional HiDac Mk2 board)
1 USB port type "B"
1 SPDIF coaxial, 1 SPDIF optical*

Outputs: *1 Pre out stereo line Unbalanced RCA
1 Pre out stereo line Balanced XLR
4 positions selectable output gain*

Headphone specifications: *Selectable pre-output stage
1 connector for jack headphone 6,3mm
2 connectors for 4 pin XLR*

Dimensions: *370mm (D) x 280mm (W) x 170mm (H)*

Weight: *12Kg*

PATHOS THE UNORTHODOX APPROACH

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INPOLEAR





There is no better way to listen to music

InPol (“Inseguitore Pompa Lineare” - Linear Pump Follower) is a system patented by Pathos Acoustics which has enjoyed great success and won many awards. InPol devices have a special sonic personality obtainable only by means of this particular circuit design - fully balanced in Class A using a single solid state component in follower configuration, with high current gain and with voltage gain together. The valve amplifier amplifies the input signal voltage and InPol supplies the current to drive the loudspeakers without any further amplification. In this way the signal is entrusted to the valves and becomes a true copy of the original, with all the quality, purity and harmonic content of the original.

This technology allows an increase in the theoretical output in pure Class A of between 25% and 50% together with a low output impedance which is fundamental for the damping factor, and further improved by the double InPol.

InPol Ear is an integrated headphone amplifier in pure Class A, with the latest fully balanced generation double InPol. The twin match valve/headphone meets the highest quality of the sound, entrusted by the tubes with a low power demand, typical of the headphones. Listening by headphones through this amplifier means to start a journey to search for sound fullness conveyed by InPol, which also grants a great high-end extent and a strong nature, thanks to two balanced outputs (10 W@ 16 Ohm) and 1 unbalanced output (6 W@ 16 Ohm).



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INPOLEAR

Thanks to the (optional) HiDac Mk2 converter, music lovers who want the best from the latest digital sources will find their demands fully met.

Compact, good-looking and powerful: InPol Ear is an ideal amplifier for headphones fans; chassis middle part is finely crafted, while on the sides are shown aluminum heatsinks, shaped to form the maker's logo and serve to highlight the carefully protected tubes, placed in the center of the chassis.

Completely handmade in Italy with high quality components, this amplifier is going to be a high design product.

It is available in different colors and customized finishes, satisfying the most demanding requests from the market.

