



# PATHOS

Pathos Acoustics  
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THE UNORTHODOX APPROACH

## Technical specifications:

**Type:** Reference stereo integrated amplifier Pure class A - double INPOL technology - fully balanced - digital Bias/gain set technology

**Tubes:** 2 x ECC803S tung-sol  
2 x 6H30 Sovtek

**Output power:** 2 x 80W@ 8 Ohm,  
**Frequency response:** 8Hz – 200KHz ± 0.5db  
**Max input voltage:** 10VRMS  
**Input sensitivity:** 950mVRMS  
**Input impedance:** 20KOhm  
**Volume regulator:** purely resistive relays  
**THD:** 0,1% @ 80W  
**S/N Ratio:** > 100dB  
**Gain:** 28,5 db Unbalanced 34,5 db Balanced

## Connections:

**Analog inputs:** 2 balanced XRL line, 4 unbalanced RCA line  
**Digital inputs:** Installation of (optional) HiDac Mk2 board is required to enable these inputs:  
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  
Output gain selectable in 4 positions  
Pre-output phase can be selected

**Dimensions:** 555MM (D) X 455MM (W) X 225MM (H)  
**Net Weight:** 55Kg

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# INPOLHERITAGE





*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 Heritage represents the projectual legacy of the late Pathos co-founder, designer and inventor of InPol, Engineer Gianni Borinato.

The team of Pathos technical designers pushed themselves to the very highest level with this unprecedented project; an enormous amount of time was spent with this product, which is characterized by components of the highest quality and the customary absence of compromises. The digital bias/gain set technology with intelligent control is entrusted to the same microprocessor which regulates the volume, thus guaranteeing the performance of the amplifier itself and its ability to drive the loudspeakers efficiently.



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# INPOLHERITAGE



Thanks to the (optional) HiDac Mk2 converter, music lovers who want the best from digital sources will find their needs fully met: Heritage will be able to receive all your music from PC by USB or from a digital source by S/PDIF.

InPol Heritage is a fully-balanced pure Class A integrated amplifier using the latest generation double-InPol circuitry. Its generous 80-watts of InPol power will drive any type of loudspeaker between 4 and 8 Ohms, and create an incredible and emotionally-moving sound-stage.

InPol Heritage offers the maximum level of Pathos quality, the fruit of many years of research and experimentation.

This is a product hand-made in Italy - by audiophiles for audiophiles.