

# **A Four I200** *Absolute Integrated Amplifier*

*Our high-end Integrated Amplifier is the ultimate bridge between accessibility, practicality and uncompromising sonic excellence.*

*Designed for those who demand the best, it brings together the ease of use with the artistry of sound, transforming your listening experience into something truly extraordinary. Every detail is carefully crafted to deliver a dynamic and immersive soundscape, while maintaining a compact design that fits effortlessly into any environment.*

*With power and precision, it elevates every note, every chord, making each moment of music feel vivid, alive, and deeply personal. This is where sophistication meets simplicity, redefining what it means to truly hear.*



*The A Four I200 stereo amplifier from the Absolute line inherits the technology developed by Orpheus Lab for the Opus II of the prestigious Heritage line. It features a current amplification stage driven by six high-power MOSFETs, meticulously hand-matched for each channel, capable of reaching instantaneous current peaks of up to fifteen amperes. To ensure optimal control throughout the amplification chain, each MOSFET is governed by a bipolar technology control stage. This approach, combined with a multi-point feedback topology, allows for the precise application of feedback, achieving a perfect balance between musicality and technical performance. As a result, the A Four I200 adapts seamlessly to any type of loudspeaker.*

*The Class AB architecture is brought to life by a carefully calibrated 125 mA bias current, delivering a thermal idle power of 15 WPC and allowing the amplifier, at rest, to stabilize at 15 °C above ambient temperature.*

*To guarantee flawless power delivery, each amplification channel is powered by an oversized toroidal transformer with a capacity of 880 VA.*

*The polarization circuit ensures optimal biasing regardless of the operating temperature. Furthermore, its low-impedance BJT component architecture maintains constant biasing irrespective of the load type, even at the highest current peaks.*



*The integrated preamplifier of the A Four I200 is equipped with six analog inputs, each featuring an input level selection stage (High, Med, or Low). This flexibility ensures optimal adaptation to the wide variety of sources available on the market. Volume control is entrusted to the renowned PGA2320 integrated circuit, whose implementation has been meticulously optimized to fully unleash the musical expression. Every nuance, every detail, unfolds with grace and power, revealing the soul of the music in its most vivid depth, offering discerning listeners a sound experience of rare intensity.*

<b>INPUT</b>	
Connections	XLR or RCA
Balanced input Impedance	94 k $\Omega$
Unbalanced input Impedance	94 k $\Omega$
Maximum Input Level (input Bal)	4.8 Vrms
Maximum Input Level (input Unbal)	2.4 Vrms
Grounding option (unbalanced only)	Grounded : Signal ground connected to earth Lifted : Separated ground and earth signal
<b>OUTPUT</b>	
Nominal audio power (AB class)	200 W @ 8 Ohm
Instantaneous power peak (<200 ms)	850 W (max 56.7 Vpic, 15 Apic)
Bias current	125 mA
Thermal Idle power	15 WPC
Frequency range (-3 dB)	0.7 Hz to 85 kHz
Frequency range (+0 dB, -0.1 dB)	5 Hz to 24 kHz
THD+N @ 200 W per channel into 8 Ohm	0.004 % (-88 dB) @ 1 kHz, analysis range 20 Hz to 22 kHz
THD+N unloaded	0.001 % (-100 dB) @ 1 kHz, analysis range 20 Hz to 22 kHz
Clip to Noise Ratio (input Bal)	-114 dB
Clip to Noise Ratio (input Unbal)	-113 dB
Gain unbalanced	18.5 dB
Gain Balanced	24.5 dB
Output impedance	0.0 Ohm
Damping Factor	> 3000
<b>HEADPHONE</b>	
Headphone impedance range	32 $\Omega$ to 600 $\Omega$
Noise Level	-96.2 dBu (12 uVrms)
THD+N @ 32 $\Omega$	< 0.0009 % (-101 dB) @ 1 kHz
THD+N @ 600 $\Omega$	< 0.0009 % (-101 dB) @ 1 kHz
<b>TECHNILOGY USED</b>	
Unique bias circuit guarantees a constant high bias current in all situations	
Real dual mono topology with 6 High resolution MOSFET per channel	
Each audio channel is powered by its own 880 VA toroidal transformer and 48 mF of dedicated capacitance, ensuring exceptional	
<b>POWER</b>	
Nominal line voltage	115 Vac or 230 Vac
Input voltage range	-15%, +10 %
Maximum power consumption	950 W
<b>SIZE &amp; WEIGHT</b>	
Height	179 mm
Depth	420 mm
Width	440 mm
Weight	36 kg
<b>SAFETY FEATURES</b>	
Non-invasive protection of the audio signal against overload at a current of more than 9 Apic (equivalent to 320 Wpic power at 4 Ohm)	
Non-invasive protection on the audio signal against DC components on the audio outputs for all frequencies below 5 Hz	
Automatic switching to MUTING if the AC line drops or is interrupted	