

A Three S200

Absolute Stereo Power Amplifier

Discover the embodiment of musicality. The Absolute Amplifier transforms sound into a physical presence, giving music a body that you can feel as much as you hear. Every note takes shape, every chord gains weight, filling your space with a tangible energy.

The Absolute Amplifier redefines sound by giving it dimension and depth. Every detail is delivered with stunning precision, from the softest nuances to the most commanding crescendos. It transforms music into an immersive force, making every listening experience unforgettable.



The A Three S200 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 Three S200 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.



Because musicality comes first and no measuring instrument can rival the human ear in this matter, these technological combinations have been meticulously refined through numerous iterations between laboratory measurements and listening sessions. The result is a purely musical experience, with breathtaking dynamic capability, extremely sharp note attacks, and exceptional openness.

INPUT	
Connections	XLR or RCA
Balanced input Impedance	94 k Ω
Unbalanced input Impedance	47 k Ω
Maximum Input Level (input Bal)	2 V _{rms}
Maximum Input Level (input Unbal)	1 V _{rms}
Grounding option (unbalanced only)	Grounded : Signal ground connected to earth Lifted : Separated ground and earth signal
OUTPUT	
Nominal audio power (AB class)	200 W @ 8 Ohm
Instantaneous power peak (<200 ms)	850 W (max 56.7 V _{pic} , 15 Apic)
Bias current	125 mA
Thermal Idle power	15 WPC
Frequency range (+0 dB, -0.1 dB)	5 Hz to 24 kHz
Frequency range (-3 dB)	0.7 Hz to 85 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)	-112 dB
Gain unbalanced	32 dB
Gain Balanced	26 dB
Output impedance	0.0 Ohm
Damping Factor	> 3000
TECHNOLOGY USED	
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	
POWER	
Nominal line voltage	115 Vac or 230 Vac
Input voltage range	-15%, +10 %
Maximum power consumption	930 W
SIZE & WEIGHT	
Height	148 mm
Depth	420 mm
Width	440 mm
Weight	30 kg
SAFETY FEATURES	
Non-invasive protection of the audio signal against overload at a current of more than 9 Apic (equivalent to 320 W _{pic} 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.	