



Subwoofer Amplifier Overview

Origin Acoustics is the team that invented the architectural loudspeaker speaker category over thirty years ago. Today that same team is producing the finest in-ceiling and in-wall speakers available. These speakers represent patented, state-of-the-art technology that has resulted in unparalleled sound quality that blends seamlessly into any décor.

An amplifier should be transparent, it should literally be just wire with gain. At Origin we pride ourselves in offering no-compromise amplifiers to drive our loudspeakers. Whether you require a stereo or multi-channel version, our amplifiers feature high-efficiency, Class-D power that is built to last and will reproduce every nuance of every recording.



SUBA150

Designer subwoofer amplifier featuring 150 watts of class D power in a sleek 1U design

The little brother to the 500, the SubA150 offers many features not found in amps at this level. The adjustable low-pass filter makes set-up simple and easy. This amplifier will seamlessly integrate with any of our 8ohm subwoofers.



SUBA500

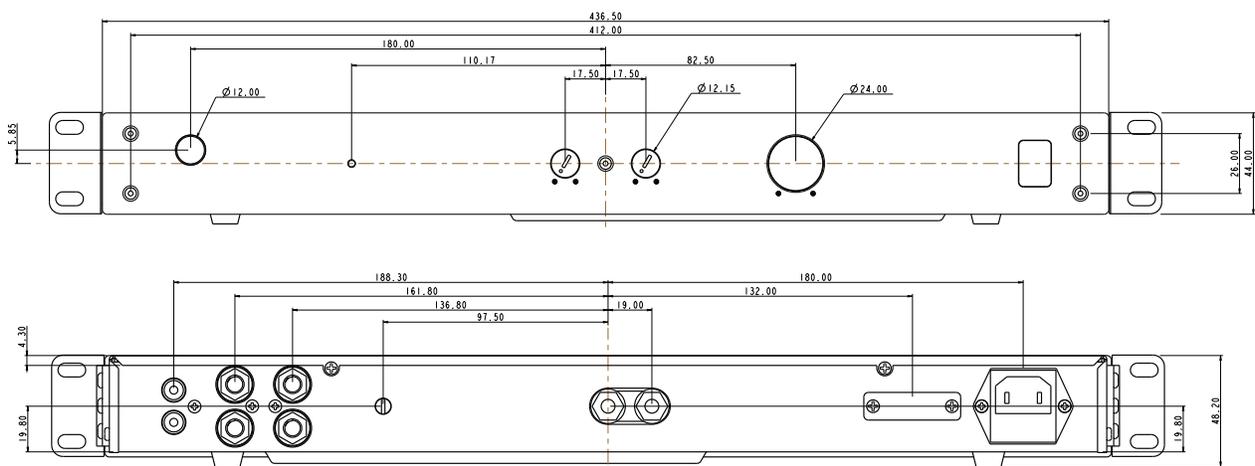
Designer subwoofer amplifier featuring 500 watts of class D power in a sleek 1U design

Perfect for driving any of Origin Acoustics 8 Ohm subwoofers, the SubA500 delivers 500 watts of dependable Class-D power with incredible adjustment flexibility. Featuring a variable low-pass crossover and digital EQ, this amplifier is designed to make our subwoofers shake the ground.

Specifications

Model name	SUBA150
Part number	AMPSUB1X150
Frequency Response	28Hz 175Hz
Power Line Voltage	110-120C~60Hz / 180 WATTS
Dimensions (WxHxD)	17.125" x 1.75" x 9" (436 x 44 x 229mm)
Weight	4.5 Lbs
Finish	Black
Input Sensitivity For Full Output	240mVrms from left input with volume control at 0dB, 90mVrms with volume control fully clockwise.
Input Impedance	8.2 kilo-Ohm Line-level inputs, 32-Ohm Speaker-level inputs
Internal System Gain	42dB from left input jack to speaker with the Bass Level control at 0dB , 54dB with the control fully clockwise.
Output Power into 4 ohm load 280 WRMS	
Output Power into 8 ohm load 140 WRMS	

Model name	SUBA500
Part number	AMPSUB1X500
Type of amplifier	High efficient class D;
Type of power supply	High dynamic toroidal transformer
Maximum output power	500w (RMS @ 4Ω)
Total harmonic distortion (THD)	< 1%
Customized presets of mode	up to 4 modes
Equalization	10 bands / adjustable (±6dB)
Adjustable crossover	40 to 160 Hz; increment of 1 Hz
Slope of crossover	12 to 36 dB / Octave
Line-in sensitivity	190 mV
Phase control	0 to 315° / 45° per increment
Audio-trigger sensitivity	3 mV at 50 Hz
Auto-off delay time	5 to 30 minutes (adjustable)
External trigger	DC 12V
Thermal protection function	yes
Night mode (auto-level-compress)	yes
Remote control	IR; handset provided
Firmware upgrade	USB / type B
Weight	16 Lb / 7.3 Kg
Rack-mount hole	Horizontal line : 18.3" / 465mm Vertical line : 1.18" / 30mm
Dimension (w/o rack-mount) (WxHxD)	17.5" x 1.75" x 10.375" (435 x 45 x 264mm)
Dimension (with rack-mount)	19.25" x 1.75" x 10.375" (489 x 45 x 264mm)
Fuse	AC 120V: 10A, AC 240V: 5A



SUBA150

For all warranty information, please refer to the Origin Acoustics website.

Due to continuous product improvement, all features and specifications are subject to change without notice. Please check www.originacoustics.com for up-to-date product information.

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