

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.



A2150



A1250

Features

- **A2150 - Two Channel, Stereo Amplifier**

At 150 watts of power for the A2150 and 50 watts for the A1250, plus the ability to consistently drive a 4-ohm load, this is a workhorse that can be used as a building block in any system. Its automation and protection circuits serve to make it perfect choice for home theater or multi-room/multi-zone applications.

- **Class-D Power**

This switching type amplifier class has incredible efficiency, above 90%, as higher power is demanded. This means substantially less heat is produced even though the amplifier is able to produce substantial power. This also means a reduction in size as smaller heat sinks are required and the electronic circuitry can be more compact and reside in a smaller chassis.

- **Bridgeable Circuit**

Bridging two channels into one drives almost triple the power into a single output. This feature creates greater flexibility in system design when additional power is a requirement.

- **Automation**

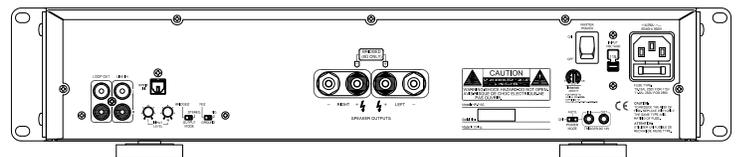
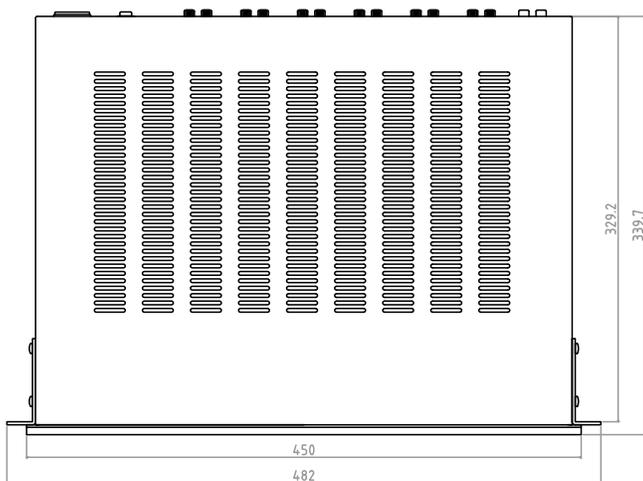
Origin amplifiers can be placed in a rack or inside furniture and require no direct access to function. They are turned on out of standby mode either by sensing the audio signal from a preamp or receiver or by a 12-volt signal from any number of components. They also have a 12-volt output to trigger other components as necessary.

- **Protection**

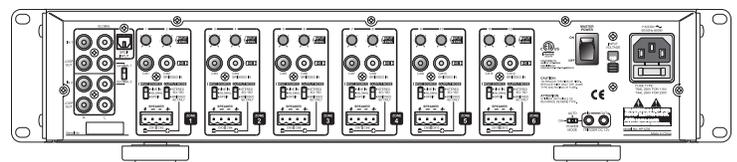
Built-in circuits that sense both thermal overload or a short-circuit in the speaker connections, will shut down the amplifier until the temperature level returns to normal operating levels or the short in the connections is corrected. This protects the amplifier from permanent damage and avoids costly service visits and repairs.

Specifications

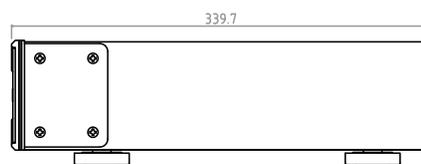
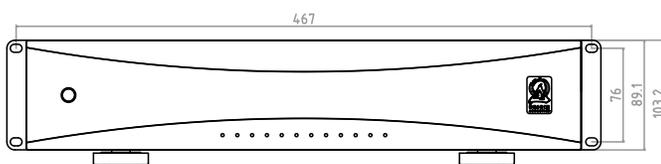
Model	A2150	A1250
Continuous Power Output (All Channels)	150 watts RMS at 4 ohms, 95 watts RMS at 8 ohms	50 watts RMS at 4 ohms, 35 watts RMS at 8 ohms
Bridged Power Output (All Channels)	280 Watts per channel RMS at 8 ohms	90 Watts per channel RMS at 8 ohms
Input Sensitivity	1000mV	1000mV
Input Impedance	20,000 ohms	20,000 ohms
AUTO ON (Audio Sense) Sensitivity	2.5mV	2.5mV
12 Volt Trigger Input	12V DC; 10K Ohms	12V DC; 10K Ohms
12 Volt Trigger Output	12V DC; 10mA	12V DC; 10mA
S/N ratio	95 dB	95 dB
Frequency Response	20 Hz to 20 kHz	20 Hz to 20 kHz
Distortion (Un-bridged)	0.1% THD 20 Hz-20 kHz	0.1% THD 20 Hz-20 kHz
Distortion (Bridged)	0.1% THD 20 Hz-20 kHz	0.1% THD 20 Hz-20 kHz
Input Voltage	115V AC/230V AC	115V AC/230V AC
Fuse (115V AC)	T4AL 250V	T8AL 250V
Fuse (230V AC)	T2.5AL 250V	T4AL 250V
Dimensions	17.7"W x 3.5"H x 13.4"D (450W x 89H x 340D mm)	
Weight	13.1 lb (5.94 kg)	14.8 lbs. (6.7 kg)
Certification	Meets FCC Part 15, ETL Listed and tested under UL/EN60065	



A2150



A1250



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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