

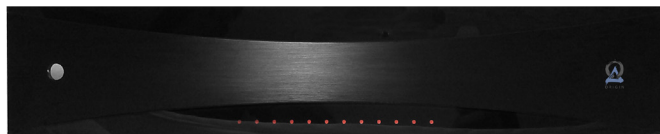
## Amplifier Overview

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**

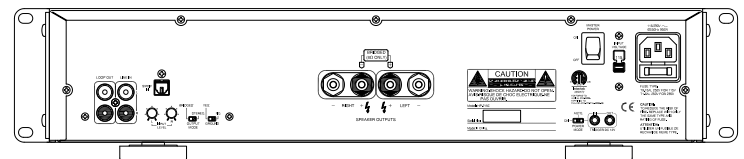
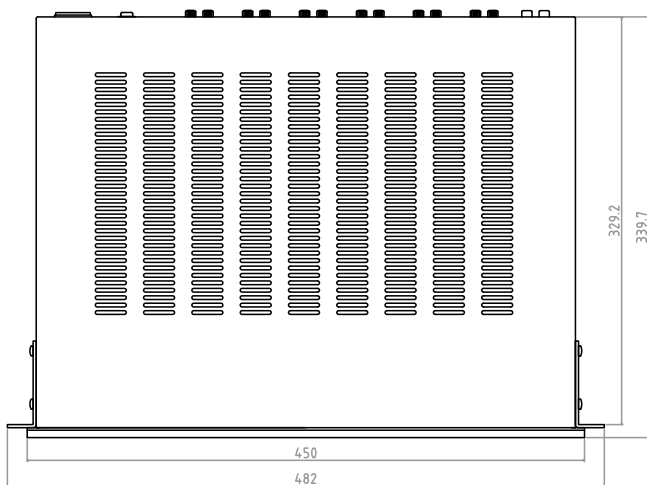
Origin amplifiers can be placed in a rack or inside furniture and require no direct access to function. They are turned on out of standby mode either by sensing the audio signal from a preamp or receiver or by a 12-volt signal from any number of components. They also have a 12-volt output to trigger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

- **Protection**

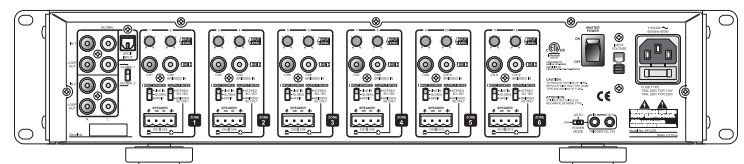
Built-in circuits that sense both thermal overload or a short-circuit in the speaker connections, will shut down the amplifier until the temperature level returns to normal operating levels or the short in the connections is corrected. This protects the amplifier from permanent damage and avoids costly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

## Specifications

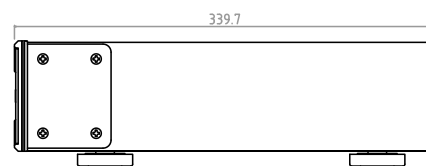
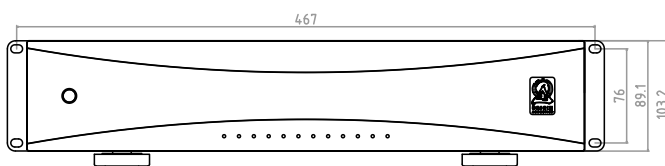
Model	A2150	A1250
<b>Continuous Power Output (All Channels)</b>	150 watts RMS at 4 ohms, 95 watts RMS at 8 ohms	50 watts RMS at 4 ohms, 35 watts RMS at 8 ohms
<b>Bridged Power Output (All Channels)</b>	280 Watts per channel RMS at 8 ohms	90 Watts per channel RMS at 8 ohms
<b>Input Sensitivity</b>	1000mV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

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