

Troubleshooting

Lost keys can be replaced. Information is kept on file at the factory about every REDGUM amplifier manufactured. From the Serial No. (Underneath your amplifier, on the carton or on the Final test report) another key can be provided.

Just Fax a request for a new key and your FINAL TEST REPORT (with any change of address) to:

REDGUM Australia +61 3 9897 1399.

A replacement key will be sent by Air Mail the same day.

When turning the power 'on', a slight 'pop' may be heard from the speakers. This is normal and will not damage your loudspeakers. When turning power 'off', the amplifier will continue to operate until the reservoir capacitors are exhausted; during this time odd sounds may be heard they also are normal and will not harm your speakers.

DO NOT REMOVE THE COVER on your REDGUM amplifier, there is the RISK of a FATAL ELECTRIC SHOCK.

The only fuse used is the mains fuse located outside the cabinet in a small compartment of the IEC mains input connector. This connector is found where the mains power cord plugs in at the rear of the amplifier. To check for a 'blown' fuse, turn off the power at the wall socket and remove the plug. Pull the power cord from the IEC socket and locate the small drawer near the opening. Remove the drawer by pulling straight out. Pull the fuse from the holder and check the fine internal wire. If it is incomplete replace it with the spare fuse located in the body of the draw.

The fuse is a SAFETY device. DO NOT experiment with other sized fuses. Severe damage and/or a FATAL Electric Shock could result. REDGUM fuse values are as follows:

RGH900 amplifier used on 220-250v - 2Amp

RGH900 amplifier used on 100-120v - 4Amp

The fuse should be of a slow-blow type. (otherwise the fuse may 'blow' at the very instant of switch-on)

If in any doubt whatsoever - consult your dealer.

Before returning your amplifier for repair service you should try the following test. Disconnect all connectors from inputs, tape out and speaker terminals. Connect a pair of speakers (with attached leads) from another system that you know is working. Also connect a CD player (with its leads) that you know is working. By doing this, you can establish whether the fault lies with the

Warranty Registration

Complete for Warranty Registration :

Name _____

Address _____

City _____ Zip code _____

Country _____ Date of purchase _____

Place of purchase _____

Model No. _____

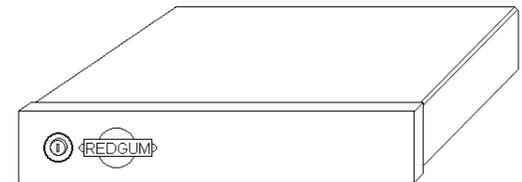
Serial No. (if any) _____

Fax this page to the REDGUM Audio factory at
+613 9897 1399

or Email details (incl. S.N.) to
<warranty@redgumaudio.com>



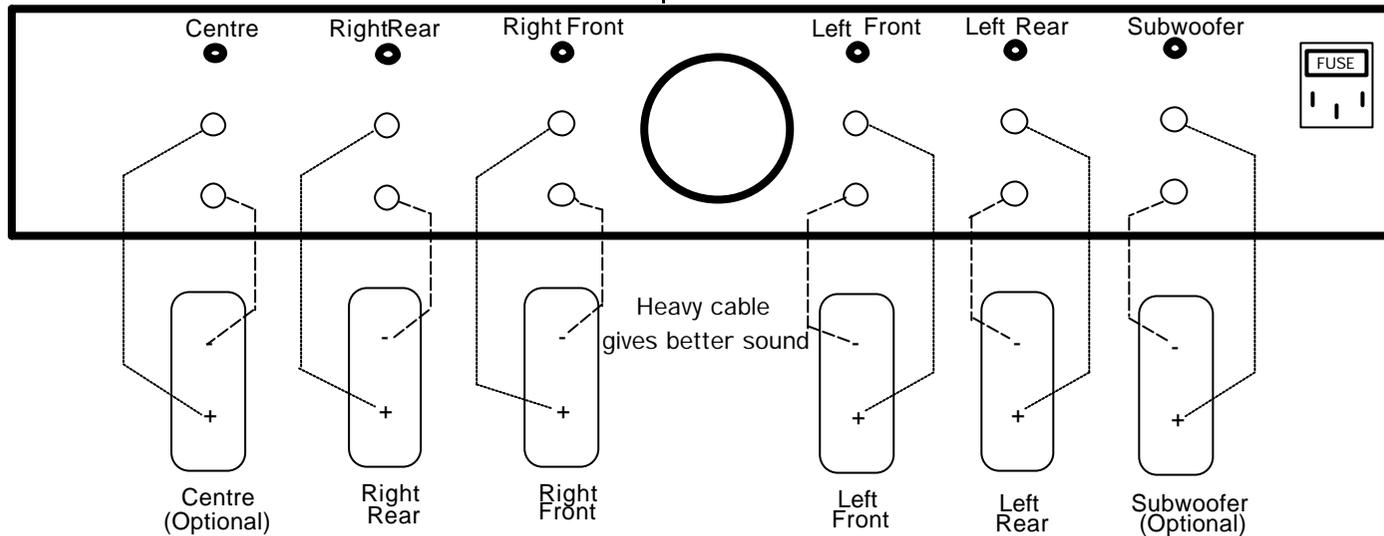
redgumaudio.com
warranty@redgumaudio.com



Operating Instructions
for
REDGUM RGH900
Home Theatre
6 Ch Power Amplifier

CE **Made in Australia**  N1450
By

REDGUM Audio Pty Ltd
Factory 3 - 25 Clarice Road
Box Hill South 3128 Victoria
ABN 45 093 132 515



Input Connections

Make sure that your REDGUM Amplifier is disconnected from mains power before making any input connections to your other equipment - Failure to do so may result in an electric shock and/or damage to the amplifier.

Connect your Processor outputs to the inputs of the REDGUM RGH900. All channels are identical internally, so feel free to use the channel arrangement that suits your setup.

You may leave any unused channels disconnected.

NOTE:

Connect any 'Line Level' inputs to your REDGUM input sockets as all inputs are direct connected to the power amplifier stages.

Speaker Connections

Make sure that your REDGUM Amplifier is disconnected from mains power before making any connection to speaker terminals - Failure to do so may result in an electric shock and/or damage to the amplifier.

Using heavy speaker cable (2mm minimum), hook up the speakers as shown on the above diagram.

Before turning on power, check that wiring terminations look neat and that no loose strands of wire are touching another terminal. Failure to make neat connections may result in poor sound or amplifier damage.

REDGUM Amplifiers

The power switch is on the left of the front panel and is operated by the key provided. The power is off when the key vertical.

To turn on power, rotate the key clockwise 1/4 turn. The key can be removed in the 'on' position, but for safety reasons it is suggested that the key be left in when the power is on. If preferred, the key switch can be left in the 'on' position and the power controlled from the wall outlet.

The Input selection and control of volume will be done from your processor.

The REDGUM RGH900 amplifier has 6 identical wide range channels which can be used individually or in groups of any quantity. The channel labelling is just to make it easier to keep track of what you have connected.

The REDGUM amplifier uses new generation Metal Oxide- doped Silicon, Field Effect Transistors (MOSFET's), which can operate into impedances below 1 ohm without damage as they are not prone to secondary breakdown like normal transistors. But long-term, very high listening levels with speaker impedances below 4 ohms may cause the internal heatsinks to rise past 80 degrees Centigrade. This will result in the protective thermal cut-out operating and shutting off power to the amplifier.

The power will automatically restore once the amplifier cools down again.

If this occurs regularly consult your dealer about getting a larger REDGUM Amplifier.