

# Troubleshooting

Lost keys can be replaced. Information is kept on file at the factory about every REDGUM amplifier manufactured. By quoting the Serial Number another key can be provided. (S.N. is found underneath the amplifier, on the carton or on the Final Test report.)

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

REDGUM Australia Fax +61 3 9897 1399.

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

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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 the 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.

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

The only fuse used is the mains fuse located on the outside of the chassis in a small drawer compartment of the IEC mains input socket. This socket 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 drawer.

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 Preamp/Decoder 220-250v - 0.5 Amp

RGH900 Preamp/Decoder 100-120v - 1 Amp

The fuse can be a standard type.

If in any doubt whatsoever - consult your dealer.

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Before returning your amplifier for repair, REDGUM Audio recommends 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 own leads) that is known to be working. By doing this, you can establish whether the fault lies with the amplifier, or another part of your system.

Should the product be faulty, the owner is liable for the cost

# Warranty Registration

Complete for Warranty Registration :

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip code \_\_\_\_\_

Country \_\_\_\_\_ Date of purchase \_\_\_\_\_

Place of purchase \_\_\_\_\_

Model No. \_\_\_\_\_

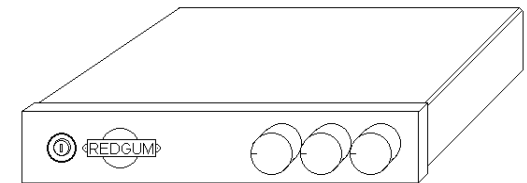
Serial No. (if any) \_\_\_\_\_

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

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



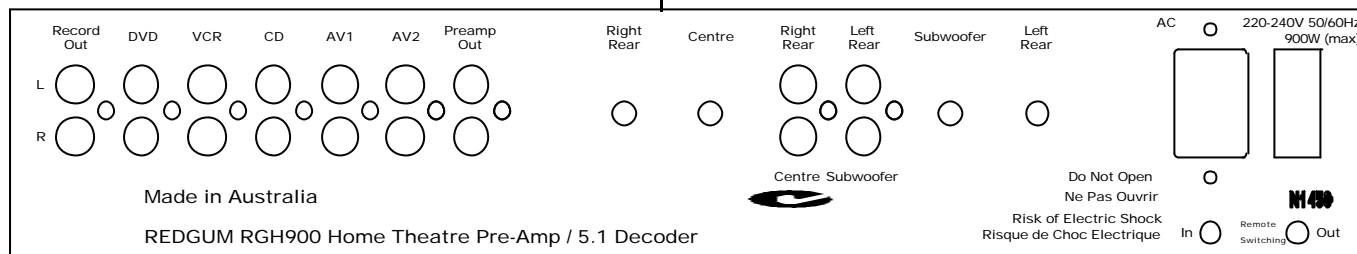
[redgumaudio.com](http://redgumaudio.com)  
[warranty@redgumaudio.com](mailto:warranty@redgumaudio.com)



**Operating Instructions**  
for  
**REDGUM RGH900**  
**Home Theatre**  
**6 Ch Pre-Amp/Decoder**

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



# REDGUM Amplifiers

The REDGUM RGH900 incorporates our "Keep It Simple System" of Home Theatre processor - that is, all channel levels are pre-set at the factory. The channel levels are all equal with the rear controls vertical. The power switch is on the left of the front panel and is operated by the key provided. Turning the power switch key 45degrees will power up your compatible power amp and allow the system to operate in Audiophile quality 2 channel Stereo mode. Advancing another 45degrees to the "on"/horizontal position activates the decoder and electronic crossover ready for full Home Theatre.

For Home Theatre, turn the power "on" by rotating the key clockwise 1/4 turn. The key cannot be removed in this "on"/horizontal position for safety reasons. If preferred, the key switch can be left in the "on" position and the power be controlled from the wall outlet.

The only controls that need to be set are the overall Volume (Left knob) and, if required, the Left/Right channel Balance (Middle knob).

The Right knob is the Input Selector and rotates from DVD through to AV2. The label above the knobs is made of temporary adhesive material and it can be removed by gently lifting the edge and peeling back.

**N.B.** All of the inputs have the same sensitivity, so any "Line Level" input can be connected to any position.

## Input Connections

Make sure that your REDGUM Amplifier is disconnected from the 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 Compact Disc player to your REDGUM amplifier using high quality RCA interconnects between your player and the sockets labelled CD (e.g. Left Output on CD to Left Input on Amplifier).

Connect a Video Cassette Recorder or DVD to the sockets labelled VCR (e.g. Left Output on VCR to Left Input on Amplifier).

Connect AmFm Tuner to sockets labelled AmFm (e.g. Left Output on Tuner to Left Input on Amplifier).

Connect a Cassette Deck or DAT Tape to sockets labelled Tape 1 (e.g. Left Output on CD to Left Input on Amplifier).

Connect any other audio product to any unused inputs.

### NOTE:

Connect any "Line Level" inputs to your REDGUM input sockets as all inputs are direct connected to the power amplifier stages when selected on the front panel. Any selected input is also direct connected to the Tape Out sockets for 'straight through' (i.e. 'unprocessed' recording) in the Hi-Fi Mode.

## Output 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 high quality RCA leads, connect the outputs of the RGH900 Preamp/decoder to your power amplifier channels, respectively, right front to right front, left front to left front.

The RGH900 incorporates an electronic crossover (100Hz) for the "Subwoofer Out" so that a powered subwoofer is not needed.

There is provision for the RGH900p to activate the REDGUM RGH900 power amplifier. This can be achieved by connecting a mini-jack lead (supplied) from the 'control out' socket of your REDGUM RGH900p to the 'control in' socket of your REDGUM RGH900. When the preamp key is operated, the power amp is turned on.