



3010S2 Stereo Power Amplifier

Quick Start Manual

Thank you for buying the Exposure 3010S2 Stereo Power Amplifier.

Before you start

Contents:



Exposure 3010S2 Stereo Power Amplifier



Mains cable



Ensure that your unit is switched off and that the volume control on the pre-amplifier or integrated amplifier is at its minimum.



Please note that your Exposure 3010S2 Stereo Power Amplifier may take up to 48 hours to "run-in" before reaching its optimal performance. Each subsequent "run-in" will then take about 20 minutes.



The Exposure 3010S2 Stereo Power Amplifier has a heat sensor which will automatically switch off the power amplifier section when an abnormally high temperature is reached. To reset the output, switch off the amplifier and allow to cool for 10 to 15 minutes.

For optimum performance, use Exposure speaker cables with your Exposure equipment.

1 Installation

The Exposure 3010S2 Stereo Power Amplifier : Front View



a) Connect the mains cable to the IEC mains input socket.

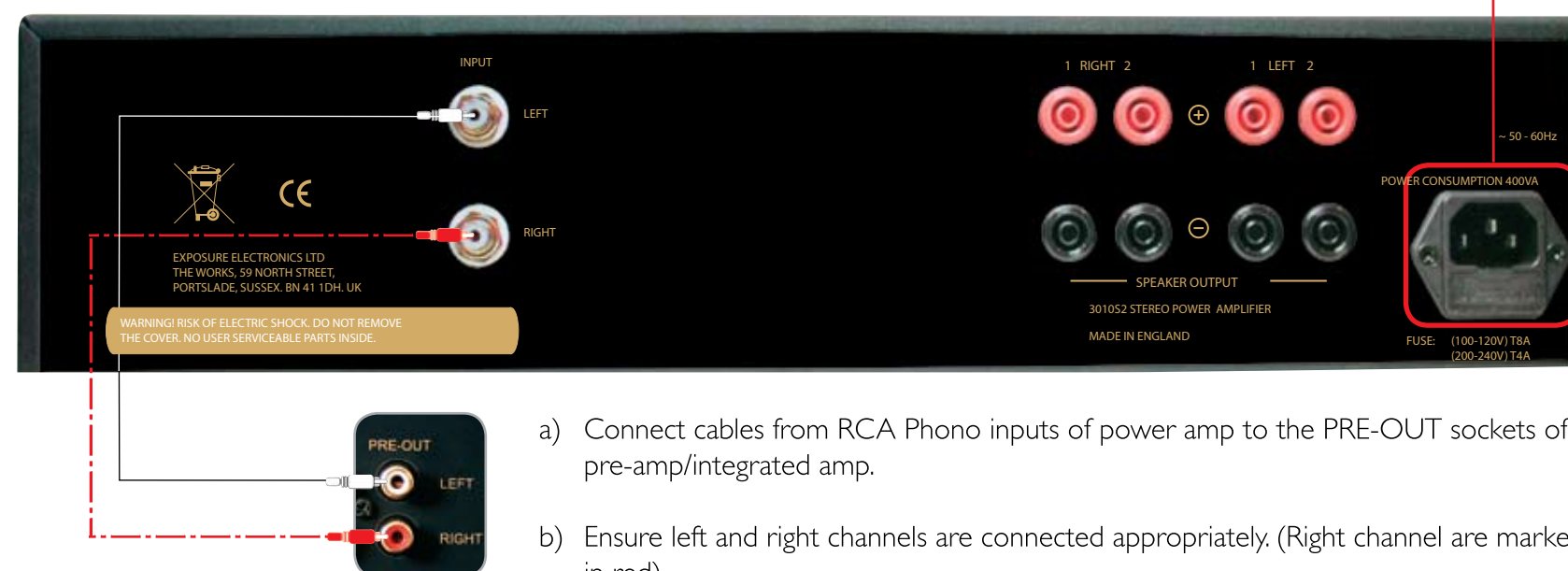


b) Connect to the mains outlet on the wall. DO NOT switch on until all output connections are made.

2 Pre-Amp/Integrated Amp Connection

Your Exposure 3010S2 Stereo Power Amplifier is equipped with a pair of RCA phono input sockets.

EXPOSURE 3010S2 STEREO POWER AMP BACK PANEL - EXP-312-009A



a) Connect cables from RCA Phono inputs of power amp to the PRE-OUT sockets of pre-amp/integrated amp.

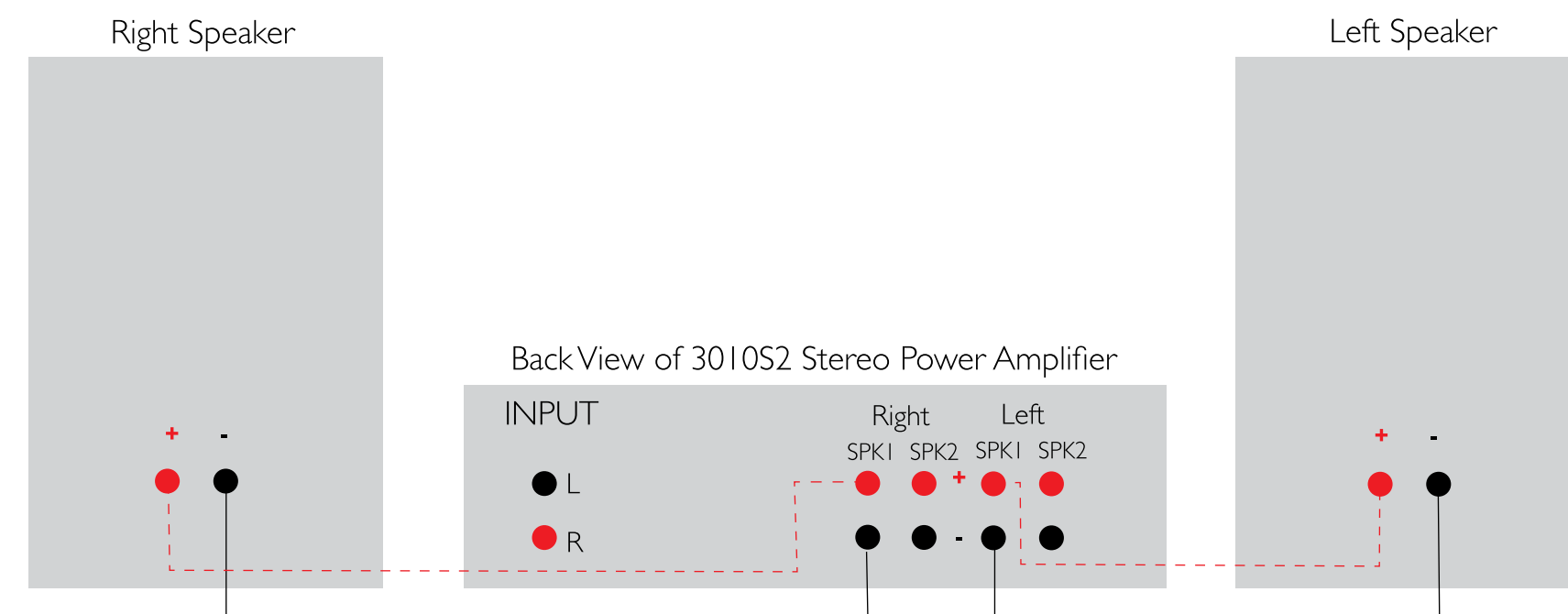
b) Ensure left and right channels are connected appropriately. (Right channel are marked in red)

3 Loudspeaker Connection

a) Connect left and right loudspeakers to corresponding left and right speaker outputs amplifier.

b) Connect (+) terminal of the loudspeaker to (+) terminal of the amplifier.

c) Connect (-) terminal of the loudspeaker to (-) terminal of the amplifier.



4 Operation



a) Turn the Integrated Amplifier or pre-amplifier volume control to minimum.



b) Press power switch. The LED power indicator will light up.



c) Without playing any CD Player/Tuner/Tape/Disc Recorder/Turntable/Video Player, turn the volume control knob slowly clockwise to around 30%. You should only hear a faint hiss.



d) Select a live source component (CD Player/Tuner/Tape/Disc Recorder/Turntable/Video Player) on the system's integrated amplifier or pre-amplifier.

e) Audio should now be heard when the source component is played.

Bi-wiring

Bi-wiring may provide a useful gain in subjective performance. Should you choose this option, please refer to the "Extended Set-Up" section overleaf for detailed instructions.

Exposure 3010S2 Stereo Power Amplifier Extended Set-Up

Loudspeaker Compatibility

Although the Exposure 3010S2 Stereo Power Amplifier is able to drive almost any loudspeaker system, the best results will most likely be achieved with speakers rated at 8 Ohms. For loudspeakers rated below 4 Ohms, the use of two Exposure 3010S2 Stereo Power Amplifier operating in Mono mode should be considered. See section on Operational Modes for further details.

Speaker Cable Compatibility

While the Exposure 3010S2 Stereo Power Amplifier is compatible with most types of loudspeaker cables, the type of cables used can influence the sonic performance of your system. Please ask your Exposure dealer for advice on loudspeaker cable compatibility and how to get the best from your Exposure 3010S2 Stereo Power Amplifier.

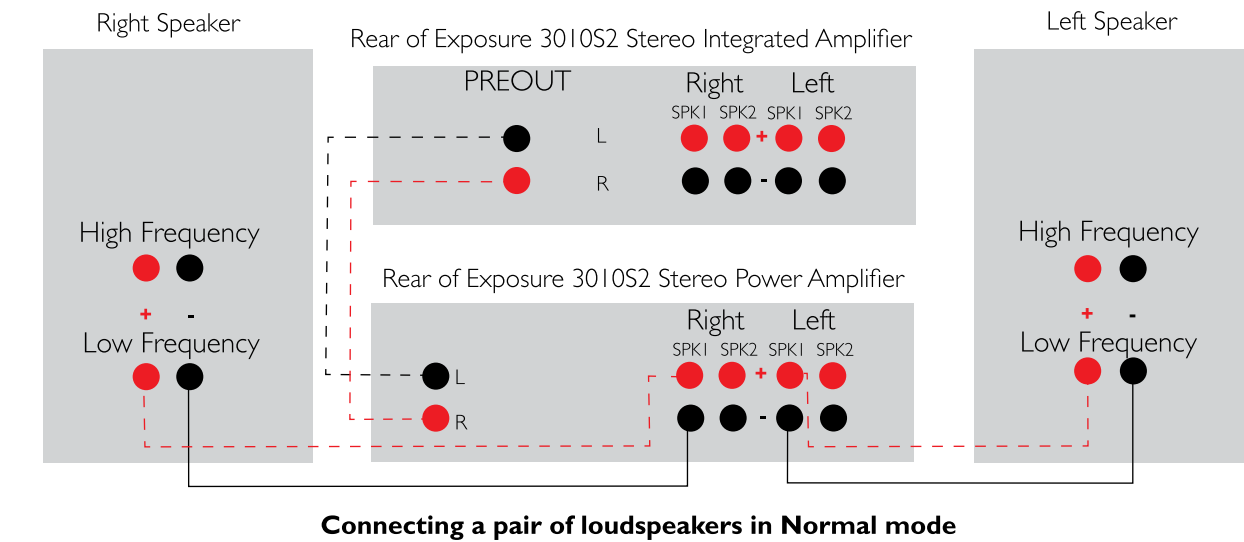
Note: The Exposure 3010S2 Stereo Power Amplifier is internally protected against damage from short circuits. However, no such protection is infallible, and damage may occur if positive and negative speaker cables are inadvertently connected together.

Operational Modes

The Exposure 3010S2 Stereo Power Amplifier can be operated in one of three different modes. These are:

Stereo Mode

The Exposure 3010S2 Stereo Power Amplifier operates as a conventional stereo amplifier. The majority of 3010S2 Stereo Power Amplifier applications will employ this mode.



Technical Specifications

Power Output (Stereo):	110 Watts per channel at 1KHz into 8 Ohms
Input Impedance:	18K Ohms
Frequency Response:	20Hz – 20Khz ± 0.5dB
Total Harmonic Distortion:	<0.015% at rated output, ref 1 KHz
Signal to Noise:	>100dB ref rated output
Channel Separation:	>60dB, 20Hz - 20KHz
Mains Supply:	110/120V or 220/240V, 50/60Hz (factory set)
Power Consumption:	<400VA, 8ohm load both channels driven
Dimensions (H x W x D):	115 mm x 440 mm x 300 mm
Nett Weight (Unpacked):	12 kg
Gross Weight (Packed):	14 kg

Exposure Warranty Policy

- The Exposure warranty entitles you to FREE repair of this unit for the first three (3) years from the date of purchase.
- This warranty is valid only if the unit is purchased from an authorised Exposure dealer, registered with the authorised agent in your country of residence and issued with a recognised warranty card.
- The agent accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair or replacement of any components, nor will they accept responsibility for damage or loss occurring during transit to or from the person making a claim under the warranty.
- The Exposure warranty covers:
 - Parts and labour costs for three (3) years from the date of purchase. Please retain your original receipt as proof of purchase and purchase date. The guarantee is extended only to the original purchaser and is not transferable.

When making claims under this warranty:

- The unit should be suitably packed and returned to the dealer from whom it was purchased, or directly to the local distributor, together with proof of purchase or a copy of the dated sales receipt.
- If necessary, the unit should be sent carriage pre-paid by a reputable carrier - NOT by post.
- No responsibility is accepted for the unit whilst in transit to the dealer or agent, and customers are advised to insure the unit against loss or damage whilst in transit.
- The warranty card MUST be produced when making claims against this guarantee.

Bi-wiring

The Exposure 3010S2 Stereo Power Amplifier is fitted with two sets of 4mm loudspeaker connection output sockets for bi-wired connections of loudspeakers. Another pair of speaker wires is required for this operation for each loudspeaker:

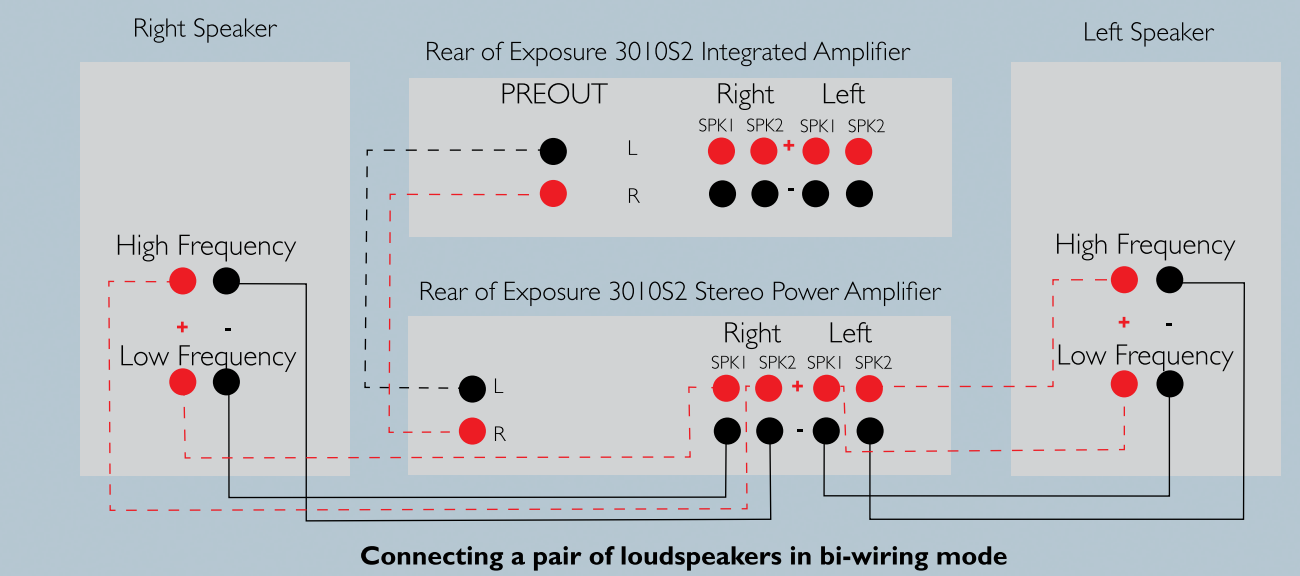
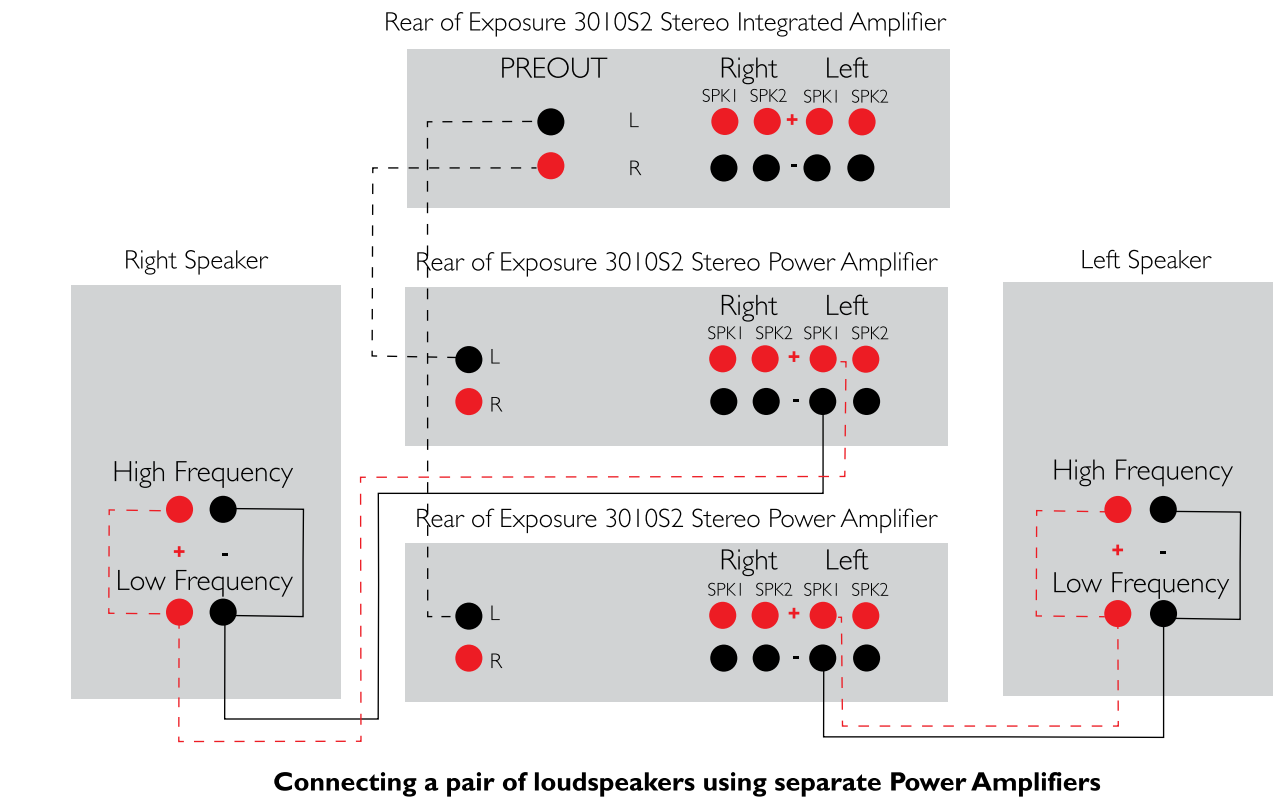
- Ensure that the links at the speaker terminals between the high frequency and the low frequency are removed on both loudspeakers.
- Follow the diagram below for connecting a pair of loudspeakers in bi-wiring mode.

Please refer to the manufacturer of your loudspeakers for advice on the practicality and potential benefits of bi-wiring.

Mono Mode

To operate in mono mode two separate 3010S2 Stereo Power Amplifiers are required, one for each channel.

Note: In Mono mode, the left input socket is only used. You need to purchase another Exposure Power Amplifier to operate in stereo. See diagram for connecting a pair of loudspeakers in mono mode.



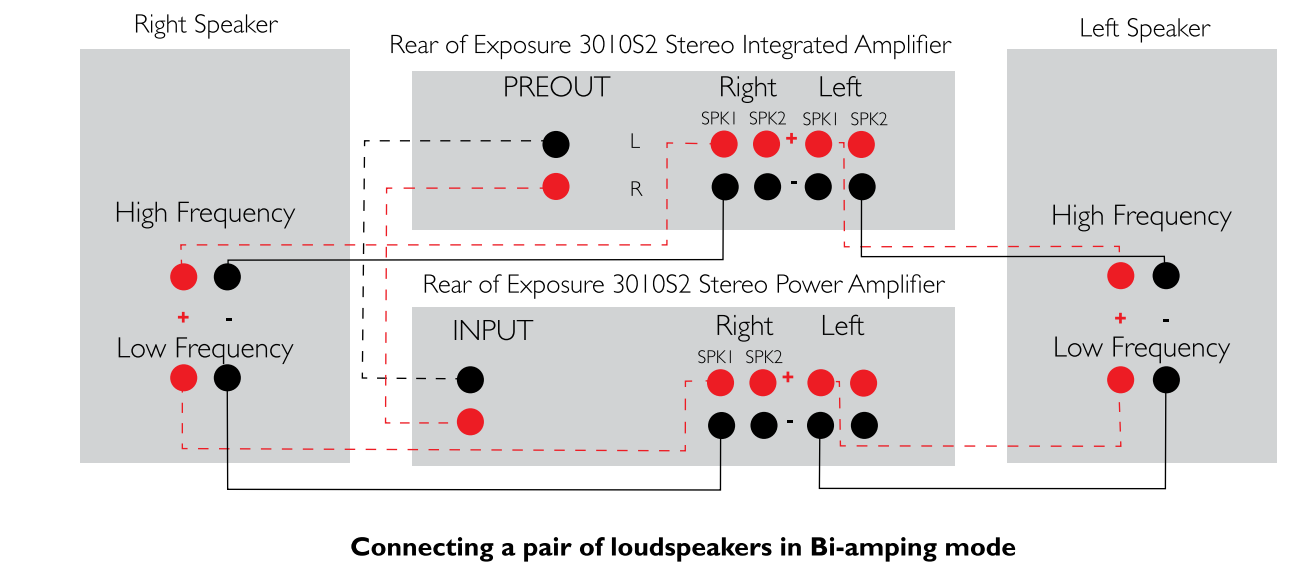
Bi-amping Mode

The Exposure 3010S2 Stereo Integrated Amplifier can also be used as a pre-amplifier for the Exposure 3010S2 Stereo Power Amplifier.

The Power Amplifier section of the Exposure 3010S2 Stereo Integrated Amplifier will still be operational, and can be used in conjunction with the Exposure 3010S2 Stereo Power Amplifier to provide bi-amping capabilities for suitable loudspeakers:

- Check your loudspeaker user manual for the wiring connections.
- Connect the pre-out sockets on the Exposure 3010S2 Stereo Integrated Amplifier to the input sockets of the Exposure 3010S2 Stereo Power Amplifier.
- See diagram for connecting a pair of loudspeakers in bi-amp mode.

Your dealer or local distributor will be able to offer further advice.



- Any tampering or alteration made to the warranty card or to the serial number on the unit will invalidate the warranty.
- The dealer or the agent shall notify the customer when the repairs have been completed. The customer must claim the unit within fourteen days from the date of notice, failing which, the Company reserves the right to impose storage charges.
- The Company reserves the right to dispose of the unit after 90 days from the date of notice in a manner that it sees fit and without compensation to the customer.

Safety

Incorrect installation or inappropriate use of the Exposure 3010S2 Stereo Power Amplifier may result in injury due to electrical shock.

- Ensure that the voltage rating on the rear panel of the unit matches that of your local mains supply.*
- Ensure that the mains cable and plug supplied with this unit is also correct. (Contact your dealer immediately if this is not the case)
- The unit is protected by a mains fuse, which is accessible as part of the IEC socket on the rear panel.
- Fuse replacement specifications:

220/240V units	T4A fuse
110/120V units	T8A fuse
- Protect unit against all forms of liquid. Never expose unit to dripping or splashing, or place objects filled with water, such as vases, on the device.
- Unplug unit from mains when not in use for prolonged periods.
- Do not open this unit - there are NO user serviceable parts inside.

- Reduce the volume control to minimum before turning the unit on or off.
- Ensure that the unit is switched off when connecting or disconnecting speaker and interconnect cables.

* Contact your Exposure dealer or distributor for advice on moving your unit to another country or territory.

Caution

For a long and trouble-free life of your Exposure 3010S2 Stereo Power Amplifier, please ensure the following:

- Do not short circuit the speaker terminals.
- Do not remove the cover of the unit or dismantle the case.
- Protect unit against all forms of liquid. Do not expose unit to dripping or splashing, or place objects filled with water, such as vases, on the unit.
- Do not operate the unit in a damp environment or allow liquids to enter the unit.
- Do not attempt to bypass the mains fuse or replace the fuse with one of a different specification.
- Do not place the unit in a position which restricts cooling airflow around its case.
- Do not use abrasive or solvent-based cleaning fluids on the unit's case.

Failure to observe these precautionary measures may void your warranty.