

3010S2 Phono Amplifier

Quick Start

Thank you for purchasing the Exposure 3010S2 Phono Amplifier.

Before you start

Please check the contents in the box:



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



Please note that your Exposure 3010S2 Phono 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.

1 Installation

The Exposure 3010S2 Phono Amplifier : Front View



a) Please set the volume control knob on your integrated / pre-amplifier to minimum before connecting or disconnecting any cable.



b) Connect the mains cable of the phono amplifier to the IEC mains input socket.



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

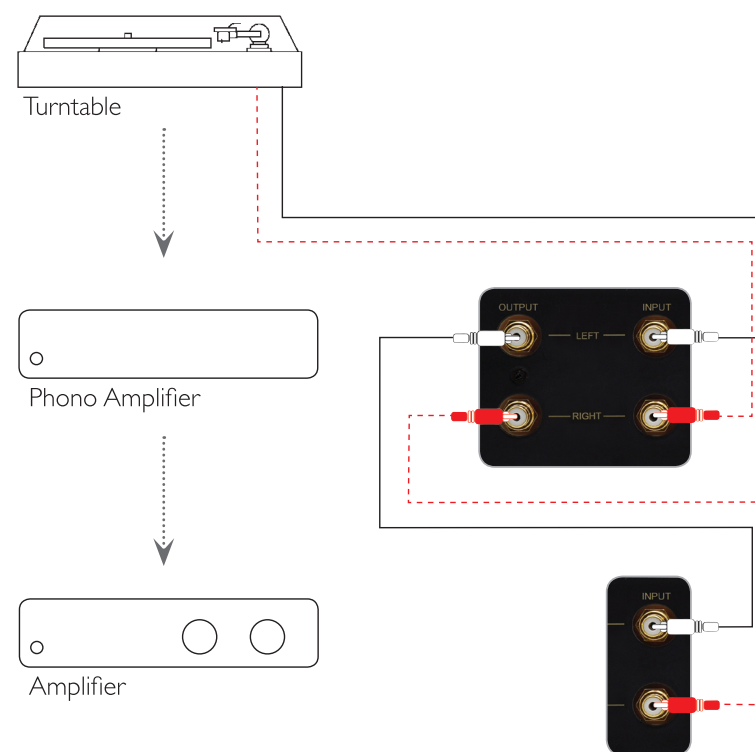
2 Source Component Connections

The Exposure 3010S2 Phono Amplifier : Rear View



Inputs / Outputs

- Connect RCA Phono cables from your turntable to the 3010S2 Phono Amplifier's input sockets.
- Connect the output sockets of the 3010S2 Phono Amplifier to any line input on your integrated / pre-amplifier.



3 Operation



a) Turn the amplifier volume control knob on your integrated / pre-amplifier to minimum.



b) Press the power switch on the phono amplifier. The LED power indicator will light up. The 3010S2 Phono Amplifier output relay will activate *after a short delay*.

Technical Specifications

Moving Coil Module

Sensitivity and signal to noise, ref 1KHz and 250mV out:

GAIN 1 jumper fitted :	250µV, >68dB S/N (default setting)														
No jumper fitted :	500µV, >70dB S/N														
Loading :	6n8 in parallel with 1K5 ohms														
Or with LOADING jumpers fitted :	<table border="0"> <tr> <td>1+2+3</td> <td>100 ohms (default)</td> </tr> <tr> <td>1+2</td> <td>110 ohms</td> </tr> <tr> <td>1+3</td> <td>130 ohms</td> </tr> <tr> <td>1</td> <td>160 ohms</td> </tr> <tr> <td>2+3</td> <td>210 ohms</td> </tr> <tr> <td>2</td> <td>310 ohms</td> </tr> <tr> <td>3</td> <td>470 ohms</td> </tr> </table>	1+2+3	100 ohms (default)	1+2	110 ohms	1+3	130 ohms	1	160 ohms	2+3	210 ohms	2	310 ohms	3	470 ohms
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Moving Magnet Module

Sensitivity and signal to noise, ref 1KHz and 250mV out:

GAIN 1 jumper fitted :	2.5mV, >78dB S/N (default)
No jumper fitted :	5mV, >79dB S/N
Loading :	47K ohms
With Loading 1 fitted :	Additional 220pF in parallel with the cartridge (default)

General Specifications

Frequency response :	+/- 0.25dB from 30Hz to 20KHz Ref 1KHz, with low frequency roll off below 30Hz.
Mains supply :	110/120V or 220/240V, 50/60Hz (factory set)
Power Consumption :	<25VA
Dimensions (H x W x D) :	90mm x 440mm x 300mm
Nett Weight (Unpacked) :	7 kg
Gross Weight (Packed) :	9 kg

3010S2 Phono Amplifier

Safety

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

- Ensure that the voltage rating on the rear panel of this unit matches that of your local mains supply.*
 - Ensure that the mains cable and plug supplied with this unit are also correct. (Contact your dealer immediately if this is not the case).
 - This 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 T2.5 fuse
110/120V units T5A fuse
 - Protect the unit against all forms of liquid. Never expose unit to dripping or splashing, or place objects filled with water, such as vases, on the unit.
 - Unplug unit from mains when not in use for prolonged periods.
 - Do not open this unit - there are NO user serviceable parts inside (except to install or change a phono card).
 - Ensure that this unit is switched off when connecting or disconnecting speaker and interconnect cables.
- * Contact your Exposure dealer or distributor for advice on moving your equipment to another country or territory.

Caution

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

- Do not remove the cover of the phono amplifier or dismantle the case (except to install or change phono card).
- 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 unit.
- Do not operate the phono amplifier in damp environments 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 use abrasive or solvent-based cleaning fluids on the phono amplifier's case.

Failure to observe these precautionary measures may void your warranty.

Exposure Warranty Policy

1. The Exposure warranty entitles you to FREE repair of this unit for the first three (3) years from the date of purchase.
2. 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.
3. 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 warranty.
4. 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:

1. 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.
2. If necessary the unit should be sent carriage pre-paid by a reputable carrier, NOT by post.
3. No responsibility is accepted for the unit whilst on transit to the dealer or agent, and customers are advised to insure the unit against loss or damage whilst in transit.
4. Any tampering or alteration made to the warranty card or to the serial number on the unit will invalidate the warranty.
5. The dealer or the agent shall notify the customer when the repairs have been completed. The customer must claim the goods within fourteen (14) days from the date of notice, failing which, the Company reserves the right to impose storage charges.
6. 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.

Installation of a MC or MM Phono Module

This is best carried out by your dealer. However, if you wish to attempt installation yourself:



1. Switch off the unit.



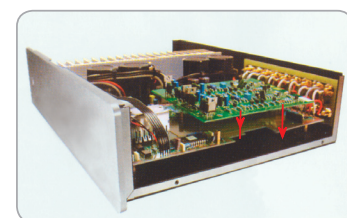
2. Remove the mains cable from the wall and the IEC socket.



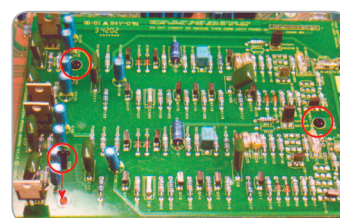
3. Remove the four cover screws.



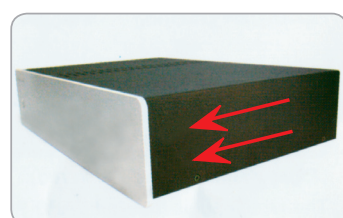
4. Slide the cover back about 2cm until it is free to move upwards to reveal the main circuit board.



5. Observe the position of the plug on the phono card and carefully plug it in, ensuring that all of the pins are inserted correctly into their connectors.



6. Fit the three M3 bolts that are supplied with the phono card.



7. Replace the cover and screws.