



## **L5 Line Level Pre Amplifier**

# **OWNERS MANUAL**

## INTRODUCTION

Thank you for choosing the Pure Sound L5 Pre-amplifier.

A Line Stage pre-amplifier needs to offer the facility to select between different sources, to provide some means of attenuating the chosen source and then deliver it in an uncorrupted form to the power amplifier.

The L5 has 4 inputs and twin outputs. The circuit utilizes a pair of 6n3 (5670) double triode valves to apply some gain & retain a low output impedance. Attenuation is via a high quality motorised potentiometer which allows for remote control of the listening level & the option to mute the output via a remote handset.

In the L5, source selection is via a high quality switch. The output stage of the L5 is impervious to long interconnecting cables or lower impedance power amplifier input stages.

The L5 also incorporates an extremely sophisticated power supply to maintain constant operating conditions for the audio circuitry. The HT supply is split into two separately filtered rails while the filament supplies are also DC to maintain low noise performance.

The L5 preserves the verve and energy in recordings that almost all pre-amplifiers and passive volume controls otherwise lose. It does this without sacrificing transparency or introducing euphonic colouration to the sound.

When partnered with appropriate ancillary equipment the L5 is capable of very satisfying performance. Your dealer will be happy to offer advice on suitable source components and appropriate power amplifiers and loudspeakers.

We hope that this pre-amplifier gives you many years of listening pleasure.

The pre-amplifier comes with a 3 year warranty. The warranty on the valves is 6 months.

Bitte fuhren Sie das Gerat am Ende seiner Lebensdauer den zur Verfuigung stehenden Ruckgabe- und Sammelssystemen zu.



At the end of this product's useful life, please dispose of it at appropriate collection points provided in your country.

Une fois le produit en fin ce vie, veuillez le déposer dans un point de recyclage approprié.

## GETTING STARTED

Please check the contents of the carton. It should include the following items.

- 1 X L5 pre-amplifier
- 1 X IEC Mains Cable
- 1 X Remote Control handset

## LOCATION

The pre-amplifier should be located on a firm level surface. The pre-amplifier also dissipates some heat via the valves and casework so adequate ventilation above and around it is recommended. A space of perhaps 5 cm above the amplifier should be kept clear.

## CONNECTIONS

The rear panel is as below.



Line level sources; CD Player, DAC, Tuner, Phono Stage, should be connected via RCA phono leads to the INPUT sockets marked A, B, C or D

The outputs of the L5 may be taken from either or both pairs of sockets marked OUTPUT. The provision of two pairs of outputs allows for the connection of two stereo or 4 mono amplifiers if required.

The supplied IEC Mains Lead should be attached to the socket marked **POWER**.

The Fuse is a 20mm Glass F1A (230V) F2A (115V)

## OPERATION

The pre-amplifier Front Panel controls are as below.



Set the volume control **(3)** to minimum (fully anti clockwise) before switching on.

The Amplifier is switched on using the rotary switch **(1)**. An LED will illuminate to indicate operation.

The desired source can be selected using the rotary switch **(2)**.

The listening level may be adjusted using the volume control **(3)**.

The volume control is attached to a motorised potentiometer. Listening level can therefore be adjusted from the listening position using the supplied remote control handset. The handset also includes a MUTE switch.



Occasionally a hum loop may be formed due to one or more items of connected equipment having an earth connection. The L5 features a switch on the rear panel. This gives the option of allowing the audio circuit to float while leaving the chassis attached to earth at all times. If you are experiencing a hum issue moving the switch from 'Earth' to 'Isolate' should remove any ground loop that exists. Experiment with both positions.

Once the L5 is switched on it will be muted for approximately 30 seconds as the circuit stabilises. After that the sound will continue to improve for some 30 minutes. It is not necessary nor advisable to leave the amplifier switched on when not in use. It would be a waste of energy.

If you have any problem with your amplifier you should first contact your dealer. They should be able to resolve the issue.

#### **L5 SPECIFICATION**

<b>Inputs</b>	<b>4 pairs (Line Level)</b>
<b>Input impedance</b>	<b>100Kohms</b>
<b>Outputs</b>	<b>2 pairs Single Ended</b>
<b>Output Impedance</b>	<b>300 Ohms</b>
<b>Frequency Response</b>	<b>5Hz - 90KHz (-3dB)</b>
<b>Signal/Noise</b>	<b>&gt;90 dB</b>
<b>Power Consumption</b>	<b>22W</b>
<b>Dimensions</b>	<b>216 x 365D x 95H mm</b>
<b>Valve Complement</b>	<b>6Π3 x 2, (5670 or 2C51 are equivalent)</b>
<b>Remote Control Battery</b>	<b>2 x AAA type</b>
<b>Weight</b>	<b>6 Kg</b>

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