

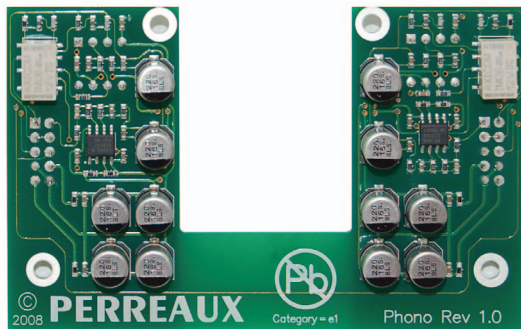
éloquence Phono Preamplifier



Owners Manual

PERREUX





The éloquence phono preamplifier

Designed and Manufactured in Dunedin, New Zealand



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Introduction

The éloquence phono preamplifier

Congratulations on your éloquence phono preamplifier purchase. To realise the full potential of your module you need to appreciate all aspects of its operation.

The phono preamplifier module needs be installed into your éloquence amplifier by your Perreaux dealer or an authorised Perreaux service technician.

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Before using your éloquence amplifier and newly installed phono preamplifier in your system, read the entire manual carefully. Endeavour to understand every detail by familiarising yourself with the controls and features as you read. You will find it easier to install using the relevant sections of this manual as a reference.

We have attempted to explain every feature and operation facet clearly and concisely. Your Perreaux dealer will be happy to assist if you encounter any unforeseen problems.

Read this manual, install your unit correctly and realise the sonic significance of your investment in Perreaux.

Perreaux products are designed to provide the utmost in sonic realism and electronic reliability, with a functional yet elegant appearance that reflects the care and craftsmanship applied during all stages of construction.

We maintain the human-link throughout; from design and construction, through



to the ultimate test – your music, your system, your ears.

Because we too listen to our products, we know that with your éloquence phono preamplifier you will discover many more of the musical secrets we strive to reveal.

From all of us at Perreaux, thank you for choosing the éloquence phono preamplifier.

Unpacking

The éloquence phono preamplifier is supplied with the following accessories:

- Four 12mm standoffs
- Four 3.5mm lock washers
- This manual

We recommend you retain the packaging for reuse in case you need to transport the unit at a later date.

Fitting Instructions

Fitting the phono preamplifier requires an internal hardware configuration to your éloquence amplifier, which must be carried out by an authorised Perreaux dealer or service technician. Dismantling or adjustment of the amplifier by persons other than Perreaux approved personnel could invalidate the manufacturer's warranty.



Quick Start

If you are like us, the first thing you will want to do is to play your favourite piece of music through your éloquence amplifier with the newly installed phono preamplifier. The following instructions are written to enable you to achieve this as quickly as possible. These are not comprehensive instructions, but are designed to enable you to play music now!

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Please take the time to read this manual thoroughly, as the éloquence phono preamplifier incorporates many features which enhance its operation.

Turn off associated components

This minimises the potential to damage your éloquence amplifier, or any other

components, when connecting the unit into your system.

Connect your turntable

Connect the analogue output of your turntable to the Phono input and the turntable ground wire to the ground terminal at the rear of your éloquence amplifier.

Connect loudspeaker cables

Connect the left and right channel loudspeaker cables to the appropriate speaker binding posts at the rear of the amplifier.

Switch on source component

Turn on the turntable, making sure you have your favourite recording ready to play.



Switch on your éloquence amplifier

After checking the supply voltage compatibility with the voltage rating on the rear panel, insert the power cord supplied into the rear of the unit and into the wall socket. Switch on power to the amplifier.

Select the appropriate input

Using the \wedge / \vee buttons on the front panel of your éloquence amplifier, or the remote control, select the PHONO input.

Play your source material

Start playing your favourite recording.

Increase the volume

Slowly increase the volume on your éloquence amplifier to achieve a comfortable listening level.

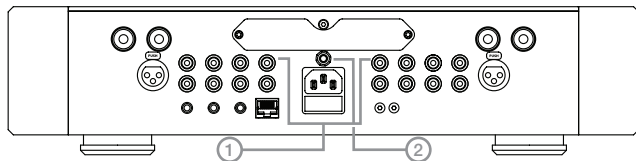
Congratulations!

Now that you have achieved your first objective, sit back, relax and please read the rest of the manual at your own pace, in your favourite armchair, whilst enjoying a glass of wine. You'll find the whole experience much more pleasurable whilst listening to music.



Connecting

Important: Before making any connections, switch off the mains power to all components in your system.



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1 Phono Input

When the éloquence phono preamplifier is installed, the Input 1 connectors become the phono inputs. They accept an unbalanced (RCA) analogue audio signal from your turntable.

2 Ground Terminal

If your tone-arm cable is fitted with a

ground wire, best results are usually achieved by connecting to the high-quality ground terminal.

If, however, its connection introduces noise (hum, etc.) or a reduction in sound quality, then disconnect it – certain tone-arms and/or cartridges function better with no earth connection.

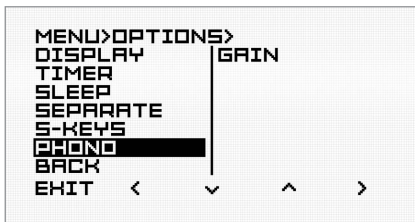


The Menu System

Installing the phono preamplifier into your éloquence amplifier activates the phono options in the menu system, allowing you to configure its settings.

Phono Configuration

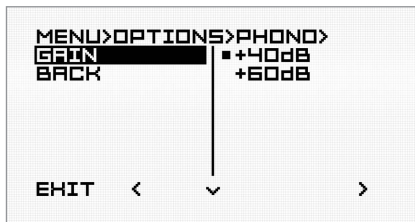
The gain settings of the phono preamplifier can be customised to suit the output level of your cartridge.



Gain

The gain menu allows you to select the gain applied to the audio signal received from the turntable. Selecting +40dB is the low gain setting, and is ideal for moving magnet (MM) or high-output moving coil (MC) cartridges. The +60dB setting is only to be used for low-output moving coil cartridges.

The factory default gain setting is 40dB.



Troubleshooting

There is no power

Ensure the AC power cord is connected securely.

Ensure the mains plug is fully inserted into the wall socket and is switched on.

Check the mains fuse of the amplifier.

Check fuse in the mains plug or adaptor.

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There is no sound

Check that the source component is properly connected.

Check that the source component playing.

Check that the speakers are properly connected.

Make sure the amplifier is not muted.

There is no sound on one channel

Ensure the balance control is in the correct position.

Check speaker connections.

Check interconnects.

There is a loud buzz or hum

Ensure no interconnects are loose or defective.

Ensure that your tape deck/turntable is not too close to the amplifier.

There is weak bass or diffused stereo imaging

Ensure the speakers are not wired out of phase.



Installation Notes

Protection message on display

See section on éloquence protection system.

The remote handset will not function

Check that the battery has not expired.

Ensure that nothing is blocking the remote sensor.

Contact Details

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Please record the serial number of your éloquence phono preamplifier module for future reference.

Serial Number: _____



Technical Specifications

Distortion (THD + noise):	0.1%, 1kHz on low gain setting less than 0.5%, 20Hz to 20kHz on low gain setting
Frequency Response:	+0.0dB -0.5dB, 20Hz to 20kHz
Signal to Noise Ratio (unweighted):	better than 80dB, ref. 2.0Vrms
Crosstalk:	-75dB, 20Hz to 20kHz
Channel Balance:	better than ± 0.5 dB
Overall Dimensions (WxHxD):	100mm x 25mm x 70mm (5.9" x 0.8" x 3.9")
Weight:	0.5kg (1.1lb)

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