



# PELLERE

High Performance  
Phono Pre-amplifier



USER MANUAL

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### **Extended 5-Year Warranty**

AVID is pleased to extend the normal warranty duration to 5-Years from the date of original shipping. This warranty is transferable in the unlikely event that you would sell this unit onto another party. Register your product at;

**[www.avidhifi.com/register](http://www.avidhifi.com/register)**

## Introduction

AVID has long been recognised as a leading force in engineering British high-end turntables. What might come as a surprise, is the technology and engineering involved in our Power Supplies surpasses that inside most amplifiers.

AVID has applied their engineering ability to design a range of phono-amplifiers capable of realising the full potential of not only their own, but all the current breed of world-class turntables.

Using our highly awarded Pulsare phonostage as a starting point, retaining the extremely high quality components and a fully balanced architecture, the Pellere has been designed to offer near same performance at a more affordable price point.

Pellere offers an exceptional adjustment range via colour coded switches located on the underside of the phono unit; a passive RIAA (*with Neumann HF correction*) circuit using capacitors with a tolerance within 1%; and an external regulated 300va power supply providing dedicated power to each channel.

Designed, manufactured and tested entirely within our Huntingdon facility, the Pellere components, PCBs and casework have all been optimised to create a product with the performance, longevity and flexibility to provide a lifetime of service to the most discerning audiophiles.

We hope that you enjoy this product for many years!

## Warnings

1. Do not expose either the power supply or phono unit to rain or moisture.
2. All components, even the wiring loom inside, have been specifically optimised for the best quality reproduction. Tampering will invalidate any warranty.
3. The Power Supply contains voltages, which can cause serious injury or death and there are no user serviceable parts and there is no reason to open it. In situations of failure return to an approved dealer or service agent or contact AVID directly.
4. The Pellere has a possible high output voltage and may overload pre-amplifiers if the wrong gain setting is selected. Please check product manuals or your dealer for advise.
5. Ensure the power supply is switched off before connecting the Power Umbilical Cable.

## Packaging

Save all the packing in a dry place away from fire hazard. The Pellere is a precision instrument and the packaging has been especially designed so that all component parts are safe during transportation.

You should not have occasion to return your unit to us, but if you need to, the unit must be shipped in its original packaging to keep it from damage.

## Parts list

- 1 x Instruction Manual
- 1 x Pellere Phono Stage
- 1 x Pellere Power Supply
- 1 x Power Umbilical Cord
- 1 x Power Cord

## Servicing

Because of the careful design of this product, general servicing is not required.

## Cleaning

To maintain the visual appearance, occasionally dust the surfaces with a normal duster - no need for any sprays or polishes. Never use cleaners containing abrasives, as this will damage the surface.

## Controls and Connections



### BASE PANEL

#### Controls

##### PHONO

- INPUT SELECTOR (XLR (balanced) – RCA (unbalanced))
- INPUT CONNECTOR SELECTOR (XLR – RCA)
- OPERATION MODE (BALANCED – UN-BALANCED)
- GAIN LEVEL (MM – MC (low) – MC (med) – MC (high))
- RESISTANCE (10R-30R-100R-300R-500R-1K-5K-10K-47K)
- CAPACITANCE (100pF-200pF-500pF-1.5n-10n-20n)
- POWER SWITCH (under psu next to right front foot)



### REAR PANEL

#### Connections and Controls

##### PHONO

- INPUT RCA L/R
- INPUT XLR L/R
- EARTH POST
- POWER INPUT
- OUTPUT RCA L/R
- OUTPUT XLR L/R

##### PSU

- GROUND LIFT
- POWER OUTPUT
- MAINS IEC INPUT

## User Notes

The Pellere phono stage has an all balanced internal circuitry designed to minimize hum and noise while maximizing the signal headroom.

There are two input connector types. A standard "RCA" connector that will work with all types of turntable and an "XLR" connector designed for balanced inputs.

The Pellere has many adjustment options to suit a wide selection of modern phono cartridges. There are no internal adjustments; switches are located on the underside of the main phono case. Switches are for both left and right channel, colour coded for ease of use and should be the same for both channels. There are DIP switches for selecting input connection for both left and right channels and each socket.

You will need to select for both channels. So if using RCA input both Black and Orange ON.

DIP switches select between the four different gain options. For a normal high output moving magnet cartridge the switch should be set to "MM". When using moving coil cartridges the switch position will depend on the cartridge output voltage and the preamp it is used with. Some experimentation will be needed to give the best results. As a general rule the MC(high) setting is for cartridges with outputs from 100 to 300uV. The MC(med) setting for cartridges with outputs from 250 to 750uV and the MC(low) setting for cartridges with outputs from 600uV to 3mV.

DIP switches adjust the input resistance and capacitance that the cartridge sees as a load. Most cartridge manufacturers give a recommended loading for their product. The loadings can be experimented with to achieve the desired sound. No harm can come to the Cartridge or phono stage by deviating from the manufacturers recommended settings.

There is a switch on the rear of the power supply used to float the 0volts or connect it to chassis ground. If there is a hum problem with a Hi-fi setup floating the ground can often remove the hum.



For users who have to use two-pin mains sockets, please note that on a standard IEC mains female plug, the right hand pin (see image) is the 'Live' pin—always make sure this is connected to the live pin on the wall socket. Failure to do so will mean that the neutral feed will pass through the mains switch rather than the live feed, which is less safe and should be avoided.

## Warranty Statement

### UK Residents

AVID HIFI Limited products are warranted against defects in materials and workmanship for a period of two years from the original date of purchase, or no later than three years from the date of shipment to an authorized AVID agent, whichever comes first, extending to five years subject to the product owner having submitted the Registration form

*[www.avidhifi.com/register.htm](http://www.avidhifi.com/register.htm)*

Also the following conditions being observed.

- The product must have been purchased through an authorized AVID dealer
- This warranty is in favour of the original purchaser only, except where...
- Warranties are transferable to subsequent owners provided the new owner completes the product registration form. Warranty obligation is passed from dealer to manufacturer.
- During the warranty period, AVID will repair, or replace any defects in material or workmanship, without charge for parts or labour.
- Should product need to be returned a written description of the defect and a photocopy of the original purchase receipt must accompany it. Receipts must show the model, serial number, date of purchase, name and address of purchaser and authorized dealer and the price paid.
- Returned product must be packed in the original packing and returned to AVID or original dealer by the customer at his/her expense. AVID will pay return freight of its choice.
- The warranty is void if the product has been used or handled other than in accordance with the instruction manual supplied, abused or misused, damage by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than AVID or an dealer with prior authorization.
- The warranty is void if the product serial number has been removed, altered or made illegible.
- The warranty is void if the product has been taken out of the country of purchase.
- AVID shall not be held liable for incidental or consequential damages of any kind arising from the sale or use of its products.
- The warranty applies to ex-demonstration product, using manufacture date as purchase date.
- Where the product is sold under a consumer transaction (as defined by the Sale of Goods Act 1979) the statutory rights of the purchaser are not affected by this warranty.
- Products are sold on the basis of specifications applicable at the time of sale. AVID shall have no obligation to modify or to update products once sold.

### Outside UK

- AVID has formal distribution in many countries throughout the world. In each country the AVID importer has contractually accepted the responsibility for the product warranty. Warranty should normally be obtained from the importing agent or distributor from whom you obtained your product. In the unlikely event of service required beyond the capability of the importer, AVID will, of course, back up the warranty.
- Where product has been either supplied directly or there is no current distributor, AVID accepts responsibility for the warranty period.
- Returned product must be packed in the original packing and returned to AVID by the customer at his/her expense. AVID will pay return freight of its choice.
- The warranty is only valid in the country of purchase.
- Products outside their original destination requires that units with remaining warranty be returned to the country of purchase for the warranty to be valid. Customer is responsible for freight both ways and all associated import and export charges.
- Foreign distributors are not required to provide warranty service, repair or change AC mains voltage on units that they did not originally import and sell.
- Foreign distributors may at their discretion offer service for a fee.

MISCELLANEOUS. ANY IMPLIED WARRANTIES RELATING TO THE ABOVE PRODUCT SHALL BE LIMITED TO THE DURATION OF THIS WARRANTY. THE WARRANTY DOES NOT EXTEND TO ANY INCIDENTAL OR CONSEQUENTIAL COSTS OR DAMAGES TO THE PURCHASER.

**WARRANTOR. Inquiries regarding the Limited Warranty may be sent to the following address:**

**AVID HIFI Limited. Bicton Industrial Park, Kimbolton, Huntingdon. PE28 0LW ENGLAND**

## SPECIFICATIONS

### PELLERE PHONO STAGE

INPUT SELECTION	XLR – RCA (balanced) - RCA
OUTPUT OPTIONS	XLR (balanced) – RCA (unbalanced)
GAIN	40dB – 50dB – 60dB – 70dB
INPUT RESISTANCE	10R – 30R – 100R – 300R - 500R – 1K – 5K – 10K – 47K
INPUT CAPACITANCE	100pF – 200pF – 500pF – 1.5nF – 10nF – 20nF
DISTORTION	Less than 0.001%
RIAA ACCURACY	+ 0.5dB 5Hz – 70KHz ( <i>Neumann HF correction</i> )
NOISE ( <i>A weighted</i> )	MM –81dB MC –67dB ( <i>high setting</i> )
MAXIMUM OUTPUT	21V RMS
MAXIMUM INPUT @1KHz	MM 193mV
	MC 6.8mV ( <i>MC high</i> )
CHANNEL SEPARATION	< -90dB 5Hz – 20KHz
VOLTAGE INPUT	100-240vac 50/60Hz 10 watts max. (depending on region)
DIMENSIONS (phono)	230 x 290 x 100 mm (wxdxh)
(psu)	230 x 290 x 100 mm (wxdxh)
NET WEIGHT	Phono - 3.8Kg (8lb) PSU – 6.3Kg (14lb)
PACKAGING	370 x 310 x 310 mm (wxdxh)
SHIPPING WEIGHT	10.6Kg (24lb)

**AVID reserves the right to improve or change its products without notice at any time.**

**EC Declaration of Conformity**

28 March 2012

We declare that our Pulsare II phono-stage conforms to directives and harmonized international standards

EMC (89/36/EEC) Electromagnetic conformity

BS EN 60065: 1994 Safety requirements for mains operated electronic and related apparatus for household and similar use.

ENELEC HD21/22 Flexible cables and cords

EN 55020: 1988 Electromagnetic Immunity

EN 55013: 1990 Electromagnetic Emissions

**C. Mas - Director**

AVID HIFI Limited



## AVID HIFI Ltd

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