



PULSUS II

Phono Pre-amplifier

USER MANUAL



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VIDEO GUIDE**



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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 factory shipping. Register your product at:

www.avidhifi.com/register

Introduction

AVID has long been recognised as one of Britain's leading authorities in the engineering of high-end analogue replay systems. Drawing upon this expertise, we developed the acclaimed Pulsare phono stage, followed by the award-winning Pulsus over a decade ago.

Our ongoing quest for improvement has brought about Pulsus II, which surpasses the original design with further advances in component quality, refined internal circuitry and improved mechanical construction, delivering even lower noise, greater signal integrity and increased musical transparency.

Designed, manufactured and tested entirely within our Huntingdon facility, the Pulsus II 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 Pulsus II 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

Retain all packaging in a dry, safe place. The original packaging is specially designed to protect the Pellar II and must be used if the unit is ever transported or returned for service.

Parts List

1 x Instruction Manual

1 x Pulsus II Phono Stage

1 x PSU umbilical Cable

1 x Pulsus Power Supply

1 x Mains Cord

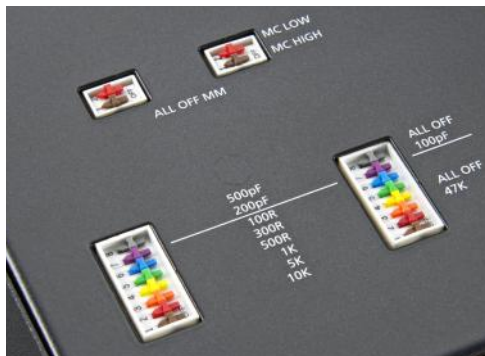
Servicing

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



PHONO UNDERSIDE

Controls

- GAIN LEVEL (MM – MC (low) – MC (high))
- RESISTANCE (100R-300R-500R-1K-5K-10K-47K)
- CAPACITANCE (100pF-200pF-500pF)



REAR PANEL

Connections and Controls

PHONO

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

PSU

- POWER OUTPUT
- MAINS IEC INPUT

User Notes

The Pulsus II phono stage features optimised circuitry designed to minimise noise and maximise signal headroom. Its external power supply is positioned away from the phono stage to reduce electrical interference, resulting in greater clarity, dynamics and musical detail.

The phono stage uses RCA unbalanced input connections compatible with all turntables. Inputs are colour coded: RED for the right channel and WHITE for the left.

Pulsus II can be optimised for a wide range of cartridges using switches located on the underside of the main unit. The switches are arranged for left and right channels, and both channels should always be set identically. The smaller switch selects between the three different gain options:

High Output Moving Magnet cartridge: switches all set to "OFF".

Low Output Moving Coil cartridge (100 to 500uV): switch positions set to MC (high)

High Output Moving Coil cartridge (500uV to 3mV): switch positions set to MC (low)

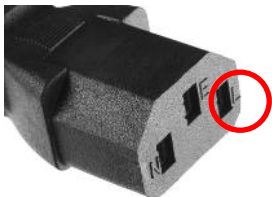
Loading Values

The larger switches adjust the input resistance and capacitance that the cartridge will see as a load.

If you are using a Moving Magnet (MM) cartridge, the resistance is fixed at 47K Ω so all resistance switches should be set to 'OFF'.

For Moving Coil cartridges, most manufacturers recommended a loading, similar to >100 Ω . This means 'greater than' 100 Ω and loadings can be experimented with to achieve the desired sound and we would suggest starting with 500 Ω . No harm can come to the cartridge or phono stage by deviating from the manufacturers recommended settings and each audio system will be different.

If your turntable tonearm has an earth connection a binding post is provided.



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.

EC DECLARATION OF CONFORMITY

We the Manufacturer **AVID HIFI Limited**

Bicton Ind. Park, Kimbolton, Cambridgeshire. PE28 0LW (UK)

TEL: +44 (0)1480 869900 / Email: info@avidhifi.co.uk / Web: www.avidhifi.co.uk

Acknowledge our sole responsibility, that the product:

KIND OF EQUIPMENT: **Phono Preamplifier**

TYPE DESIGNATION: **PULSUS II (All Variants)**

In accordance with the EMC Directive **2014/30/EU** is in compliance with the following norm(s) or document(s):

Technical regulations: **EN 55032:2015+AC:2016 / EN 55035:2017 EN 61000-3-2:2014 / EN 61000-3-3:2013 &**

In accordance with the Low Voltage Directive **2014/35/EU** is in compliance with the following norm(s) or document(s):

Technical regulations: **EN 62368-1:2014 &**

Is in conformity with Directive **(EU) 2015/863** Restriction of Hazardous Substances in electrical and electronic equipment.

Conrad Mas

(Managing Director)

Date: **3rd June 2026**

Warranty Statement

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, which ever comes first, extending to five years subject to the product owner having submitted the online Registration form:

www.avidhifi.com/register

The warranty is void if the device has been modified, received maltreatment of any kind and excludes general wear and tear.

Should you need to returned the device, you must first complete our 'Product Returns' application on our website or contact us before any return is made, and it must be packed in the original packing and returned to AVID HiFi at the customers expense. AVID HiFi reserves the right to charge for examination and return freight.

Full details of our Warranty and Terms and Conditions can be found on our website.

Specifications

PULSUS II PHONO STAGE

INPUT SELECTION	RCA (unbalanced)
OUTPUT OPTIONS	RCA (unbalanced)
GAIN	48dB – 60dB – 70dB
INPUT RESISTANCE	100R – 300R - 500R – 1K – 5K – 10K – 47K
INPUT CAPACITANCE	100pF – 200pF – 500pF
DISTORTION	Less than 0.001%
RIAA ACCURACY	±0.5dB 5Hz – 70KHz (Neumann HF correction)
NOISE (A weighted)	MM –81dB MC –67dB (high setting)
MAXIMUM OUTPUT	18V RMS
MAXIMUM INPUT @1KHz	MM 120mV MC 4.8mV (MC high)
CHANNEL SEPARATION	< -85dB 5Hz – 20KHz
VOLTAGE INPUT	100-240vac 50/60Hz 10 watts max.
DIMENSIONS (phono)	160 x 239 x 70mm (wxdxh)
(psu)	160 x 247 x 70mm (wxdxh)
NET WEIGHT	Phono – 1.0Kg (2lb) PSU – 1.9Kg (4lb)

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



AVIDHIFI



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