



**AVIDHIFI**

# VELSONIC

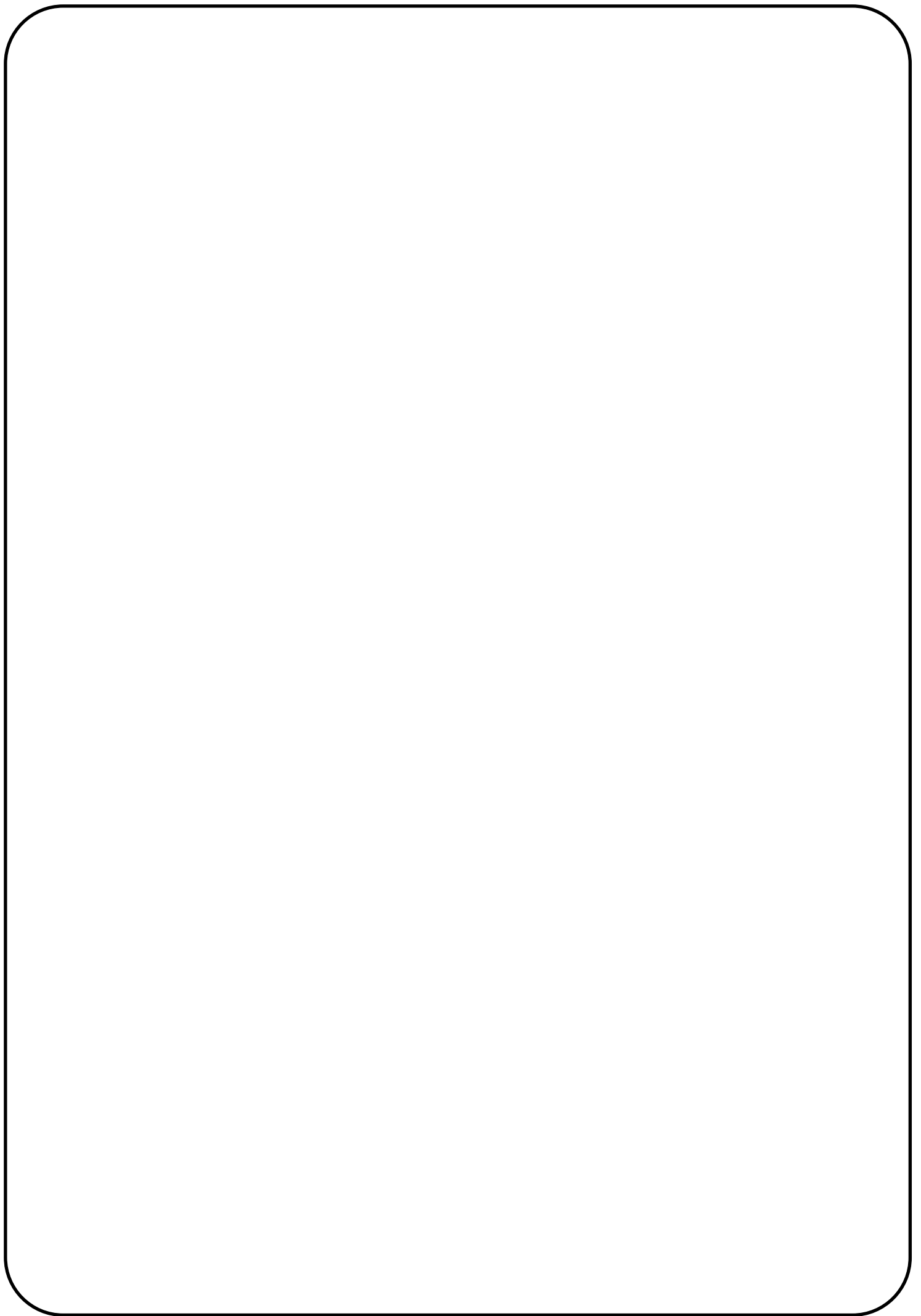
REFERENCE PHONO PRE-AMPLIFIER



**USER MANUAL**



SCAN HERE FOR  
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](http://www.avidhifi.com/register)**

## Introduction

The Velsonic phono stage represents the next evolution in AVID vinyl replay, replacing the acclaimed Pulsare series that remained in production since 2010. Built on our belief that products should last a lifetime, Velsonic elevates performance through uncompromising engineering and enduring quality.

Employing premium components and a fully balanced architecture, Velsonic applies balanced principles even with unbalanced sources, delivering exceptional signal integrity and musical realism. Relay-controlled adjustments preserve the fragile source signal, while a passive RIAA circuit with Neumann HF correction and precision-matched components ensures accuracy. An external double-regulated 300VA power supply delivers dedicated power to each channel.

Designed for lifetime of service to the most discerning audiophiles, we hope that you enjoy this product for many years!

## Warnings

- Do not expose the power supply or phono stage to rain or moisture.
- All components, including the internal wiring loom, have been specifically optimised for the highest quality reproduction. Any modification will invalidate the warranty.
- The power supply contains hazardous voltages that may cause serious injury or death. There are no user-serviceable parts and no reason to open the unit. In the event of failure, return it to an approved dealer, service agent, or contact AVID directly.
- The Velsonic may provide a high output voltage and could overload pre-amplifiers if an incorrect gain setting is selected. Please consult the product manual or your dealer for advice.
- 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.

## Placement

- Place your Integra on a sturdy and level surface.
- Avoid locations where your Integra may be affected by direct sunlight or damp.
- Keep your Integra away from heat sources.
- Ensure proper ventilation before placing the Integra in an enclosed space, such as a closed cabinet.
- Avoid placing any objects on the amplifier that could impede air-flow.

## Parts Checklist

1 x Instruction Manual	1 x Velsonic Phono Stage	1 x Velsonic Power Supply
1 x Power Umbilical Cord	1 x Power Cord	

## Servicing

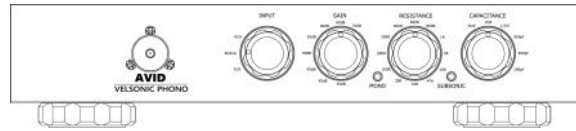
Because of the careful design of this product, general servicing is not required.

## 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.

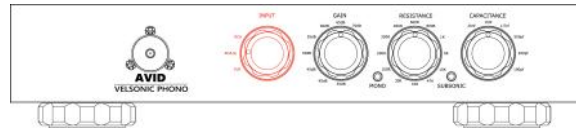
## Front Panel

For ease of use, all operational controls are located on the front panel, providing convenient access to adjustments and system optimisation.



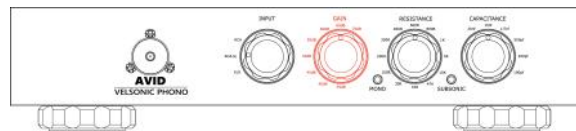
## Input Control

Rotate input control selector to which input you desire. We recommend you either reduce or mute the volume as a precaution.



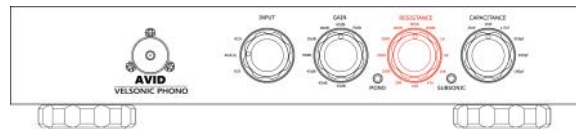
## Gain Control

The Gain Selector offers eight adjustable settings in 5dB increments between 35dB and 70dB, enabling precise matching of the turntable output level to other source components within the audio system.



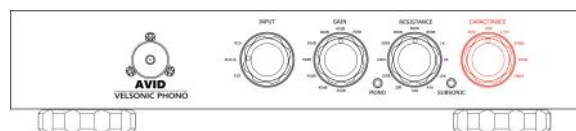
## Resistance Control

Twelve selectable resistance settings allow precise optimisation of cartridge loading for virtually any cartridge, with the flexibility to adjust settings on the fly to suit different recordings or system changes. As a precaution, we recommend lowering or muting the volume before making adjustments.



## Capacitance Control

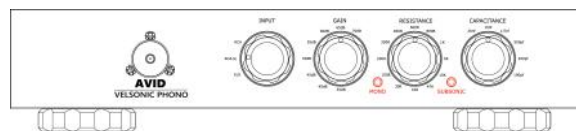
Capacitance can be adjusted on the fly to optimise performance for your cartridge and to fine-tune playback for different recordings. Adjustable from 100–500pF for MM cartridges and 1.5–20nF for MC cartridges, allowing precise system matching and optimum sound quality.



## Mono and Subsonic Controls

Mono mode enhances mono recordings by making surface imperfections and unwanted artefacts less noticeable while preserving an open and natural soundstage.

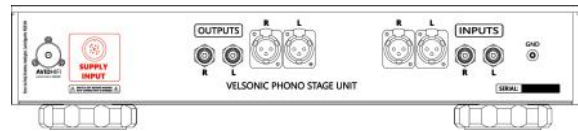
The Subsonic Filter gently rolls off excessive low-frequency energy, commonly generated by record warps, reducing amplifier strain and contributing to cleaner overall performance.



## Supply Input

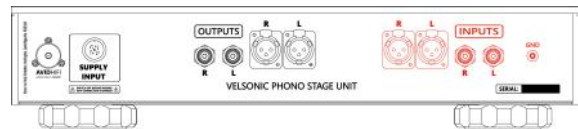
ONLY USE THE UMBILICAL SUPPLIED

Never connect or disconnect the Power Supply from the Phono Stage while connected to the mains. Always connect the umbilical cable before connecting either unit to the mains. Before disconnecting the umbilical cable, switch the unit off and wait at least 5 minutes.



## Phono Inputs

Both XLR and RCA inputs can be used at the same time, allowing two cartridges to be connected and selected via the front panel. As the Velsonic is fully balanced, the use of a balanced phono cable from the tonearm is recommended to fully realise its performance benefits. Always use the ground point to earth your turntable to avoid static potentially damaging the sensitive phono stage circuit.



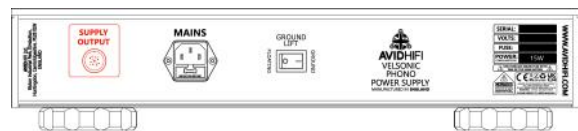
## Line Outputs

For best results, use the balanced outputs even when connected to an unbalanced device, as this helps preserve and protect the low-level signal. Both outputs operate simultaneously, which may be useful in certain installations.



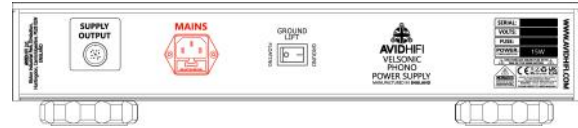
## PSU Supply Output

Refer to Supply Input and same guidance applies.



## Mains Power

Power comes in through the IEC 3-pin connector with built-in filters, so no need for external filters. Connect mains power last.



## Mains Cable Polarity

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.



## Ground Lift

Provides additional installation flexibility by helping eliminate hum caused by ground loops or certain tonearm grounding arrangements. Set the switch to **Floating** for normal operation. If hum or unwanted noise is present, switch to **Ground** to see if this resolves the issue. If the problem persists, consult your installer or dealer.



## Mains Switch

With the amplifier volume set to minimum, the Mains switch is hidden on bottom, centrally behind the front panel. A Blue LED indicates power on.



## Specifications

### Velsonic Phono Stage

Input Selection:	XLR - RCA (balanced) - RCA
Output Options:	XLR (balanced) - RCA (unbalanced)
Gain Options:	35dB - 40dB - 45dB - 50dB - 55dB - 60dB - 65dB - 70dB
Input Resistance:	10R - 30R - 100R - 200R - 300R - 400R - 500R - 800R - 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 192mV MC 6.8mV ( <i>MC high</i> )
Channel separation:	< -90dB 5Hz – 20KHz
Input voltage ( <i>region dependent</i> ):	100-240VAC 50/60Hz 10 Watts Max.
Dimensions:	phono 463 x 338 x 100mm (W x D x H) Psu 463 x 338 x 100mm
Unit weight:	phono 12.2Kg (27Lbs) Psu 14.9Kg (33Lbs)

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

## Declaration of Conformity

### EC Declaration of Conformity 10th June 2026

We declare that our Velsonic 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.

#### CENELEC HD21/22 Flexible cables and cords

#### EN 55020: 1988 Electromagnetic Immunity

#### EN 55013: 1990 Electromagnetic Emissions

C. Mas Director AVID HIFI Limited

## 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](http://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.



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