



AVID HIFI



INSTRUCTION MANUAL

INGENIUM TURNTABLE RANGE

[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.htm

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WARNING

YOU MUST ALWAYS REMOVE THE PLATTER AND BEARING
AND USE THE TRANSIT PACKAGING WHEN YOU TRANSPORT
YOUR TURNTABLE OR YOU MAY DAMAGE THE BEARING

DON'T PUT IT ON THE BACK SEAT OF YOUR CAR—YOU'LL BREAK IT

PREFACE

Please take time to read this Instruction Manual before unpacking your Ingenium Turntable. This product is a precision-engineered machine and whilst damage is unlikely with careful handling, the sheer mass of some of the parts could lead to damage of less robust parts within its design. Some of these parts have been excluded from the warranty.

<TAKE CARE AND READ THIS MANUAL>

INTRODUCTION

Ingenium is an audio analogue turntable manufactured to extreme limits of precision, design and detail. There are many unique and novel features in this product found in our other designs. With correct ancillary equipment will take your listening pleasure to new levels of excellence.

We hope that you enjoy this turntable for many years!

WARNINGS

1. To prevent fire or electric shocks do not expose either the motor assembly to rain or moisture.
2. The Motor is a sealed component and must under no circumstances be opened or adjusted.
3. The Main Bearing contains a Sapphire Cup Jewel and this can be damaged if proper care is not taken (see set-up and warranty) and this will affect or stop your turntable working correctly.
4. If using the optional clamp you should take care with the threaded spindle. Cross threading or incorrect fitting will wear this part out. This part is excluded from the warranty.

PACKAGING

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

IT WILL BE EXPENSIVE TO REPLACE SO DO NOT THROW PACKAGING AWAY

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. In the event of the packing being lost or damaged further packing can be provided at cost.

Do not transport the turntable assembled. This may cause damage and void the warranty.

PARTS CHECKLIST

The packing has been designed to eliminate parts being missed, however if something is found to be amiss please contact your dealer.

Quick start guide	1	Bearing Drive Hub	1	Pick Up Arm (if supplied)	1
Platter	1	Motor Assembly	1	Main Chassis	1
4mm Tungsten Carbide Ball	1	Clamp (optional)	1	Drive Belt	1
Isolation Feet	3				



SET UP INSTRUCTIONS

THE SUPPLIED PACKAGING IS VITAL FOR PROTECTION AND SHIPPING. IT SHOULD BE RETAINED AND REPLACEMENT PACKAGING IS COSTLY.



- ON OPENING THE BOX AFTER REMOVING THE TOP LAYER YOU WILL SEE THE TURNTABLE PARTS.
- CAREFULLY REMOVE THE PARTS FROM THE PACKAGING.
- PLACE THE MOTOR WHERE IT IS TO BE PLAYED - THIS SHOULD BE A FLAT LEVEL RIGID SURFACE.
- MAKE SURE THE MOTOR POWER LEAD WILL REACH THE MAINS SUPPLY.
- THE ON/OFF SWITCH IS WITHIN THE LEAD.



- NOW PLACE THE MAIN CHASSIS IN APPROXIMATELY THE POSITION AS SHOWN IN THE IMAGE.
- THIS DISTANCE BETWEEN THE SPINDLE AND MOTOR CENTRE IS ABOUT 97MM (3.3/4") BUT WILL NEED ADJUSTING TO ACHIEVE CORRECT SPEED.
- LIFTING THE MAIN CHASSIS PLACE THE FEET UNDERNEATH USING THE LOCATION POINTS.



- YOU MUST CLEAN THE TOP OF THE BEARING SPINDLE NOW AND ENSURE IT'S ALWAYS KEPT CLEAN - INSERT SOFT TISSUE INTO TOP OF SPINDLE AND TWIST TO CLEAN.
- PLACE THE BEARING BALL INTO TOP OF SPINDLE.

DO NOT USE ADHESIVE OR ADD LUBRICATION TO THIS AREA.



- CAREFULLY FIT THE DRIVE HUB TO THE SPINDLE.
- TAKE EXTREEME CARE NOT TO DROP THE HUB ONTO THE SPINDLE OTHERWISE YOU WILL DAMAGE THE SAPPHIRE BEARING. NOW MANUALLY SPIN THE BEARING HUB TO MAKE SURE IT ROTATES FREELY.

THE BEARING IS SELF LUBRICATING – DO NOT ADD EXTRA LUBRICATION



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- FIT THE DRIVE BELT BY LOOPING OVER THE DRIVE HUB, THEN STRETCHING OVER THE DRIVE PULLEY.

ALWAYS USE CLEAN HANDS TO AVOID CONTAMINATING THE BELT.



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- MANUALLY ROTATE THE DRIVE HUB WITH THE BELT FITTED. THIS ALIGNS THE DRIVE BELT, WHICH MAY COME OFF ON INITIAL START UP.
 - SPEED CHANGE IS DONE BY MANUALLY MOVING THE DRIVE BELT FROM ONE PULLEY DIAMETER TO ANOTHER.
 - THE TOP DIAMETER IS 33.33 RPM AND THE LOWER LARGER ONE IS 45.00 RPM
 - SPEED CAN BE ADJUSTED USING A STROBE DISC AND MOVING THE MOTOR POSITION TOWARDS OR AWAY FROM THE DRIVE HUB



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- CAREFULLY FIT THE PLATTER ONTO THE DRIVE HUB BEING CAUTIOUS OF THE BEARING.
 - THE SPEED SHOULD BE CLOSE TO CORRECT, HOWEVER TO BE PRECISE USE A STROBE DISC.
 - MOVING THE MAIN CHASSIS CLOSER OR FURTHER AWAY FROM THE MOTOR WILL ADJUST THE SPEED.

SERVICING

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

The only two things that will need attention will be:

1. Drive Belt, which we suggest be replaced annually.
2. Main Bearing Lubrication. This should be done by AVID after approximately 10 years service.

CLEANING

To maintain the visual appearance, occasionally dust the surfaces with a normal duster - no need for any sprays or polishes.

DO NOT ATTEMPT TO CLEAN THE DRIVE BELT WITH ANYTHING. IF DIRTY OR GREASY IT WILL PROBABLY NEED REPLACING.

Never use cleaners containing abrasives, as this will damage the surface.

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 ever comes first, extending to five years subject to the product owner having submitted the Registration form (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.
- Specific parts excluded from this warranty include: sapphire thrust bearing, spindle, drive belts and O-rings.
These items have no warranty, however replacements may be issued by AVID at our discretion.
- 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 the date of manufacture 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

INGENIUM

DRIVE	BELT
SPEEDS	33 and 45 RPM
PLATTER MASS	2.5 Kg
BEARING	Inverted stainless steel
THRUST POINT	Tungsten carbide/Sapphire
SUSPENSION	Three point elastomer
TOEARMS	As ordered
MOTOR	115/230v 12mNm ac synchronous
POWER SUPPLY	Separate control unit
VOLTAGE INPUT	115-240vac 50/60Hz 5 watts max. (depending on region)
DIMENSIONS (overall)	See website for individual model size
NET WEIGHT	5.0 - 9.0Kg (depending upon model)
PACKAGING	54 - 74 x 36 x 22cm (depending upon model)
SHIPPING WEIGHT	8.0 - 14.0Kg (depending upon model)

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

EC Declaration of Conformity

22 December 2012

We declare that the INGENIUM conforms to directives and harmonized international standards

LVD (73/23/EEC) Low voltage directive 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