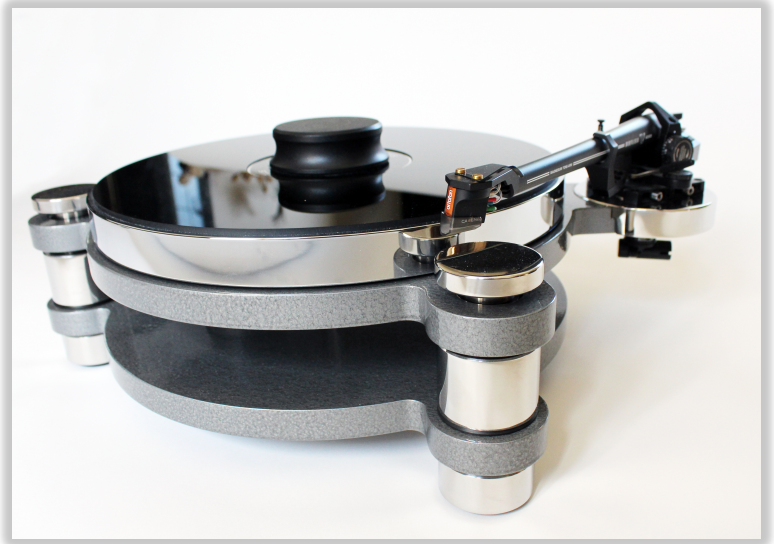


# **OWNERS MANUAL**



## **SMD ACOUSTICS V2.0 TURNTABLE**

**1<sup>ST</sup> EDITION  
SEPT 2015**

## **INDEX**

1. INTRODUCTION
2. WHAT'S IN THE BOX?
3. SETTING UP
4. POWER SUPPLY CONTROLS
5. CARE AND MAINTENANCE
6. ACCESSORIES

## **1. INTRODUCTION**

The SMD V2.0 Turntable is very straightforward to use and set up but you will get the best from your product by following these simple instructions.

## **2. WHAT'S IN THE BOX?**

In the box you will find the following items

- Owners Manual
- Warranty Card
- SMD V2.0 Turntable
- Arm board (attached to turntable)
- Intermediate Wheel Disengagement Tool
- Power Supply
- IEC Power Supply Lead
- DC Power Supply Motor Lead
- Platter
- Platter Mat
- Record Puck
- Allen Key

### 3. SETTING UP

Carefully unpack all items if anything is missing please contact your retailer.



#### Important

Please note the position of the Intermediate Wheel Disengagement Tool as shown in blue on Fig 1. It is important that this is in place when you have finished listening to records to avoid a

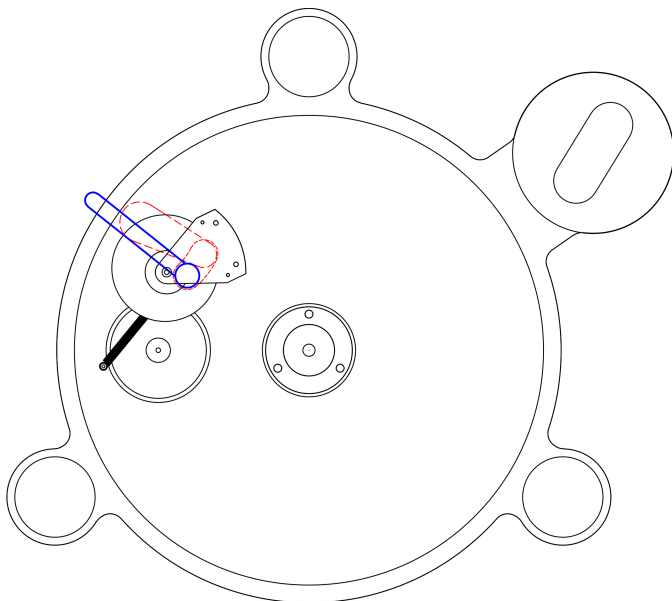


Figure 1.

“Flat spot” appearing on the intermediate wheel due to “point” pressure from the motor drive wheel when not rotating.

With a little practice you will find this easy to pop under the upper plinth into the kidney shaped hole (shown in hatched red) and rotating clockwise to clip the stick in place behind the intermediate support arm (shown in hatched red)



Do not bend the tool otherwise it may break.

This tool should also be used when fitting and removing the platter.

The turntable will work best on a good quality solid HiFi stand or if the stand is subject to vibrations etc. due to moving floorboards then a wall shelf is better, avoid hollow cabinets that are resonant as these are detrimental to sound quality.

Carefully position the turntable so that the DC Power Supply Motor Lead can be plugged into the 3.5mm jack plug on the underside of the motor housing and clamp the lead into the P Clip by loosening and refitting the P Clip using the supplied Allen Key. Note: Clipping into the

P Clip is optional but it will stop the lead being accidentally pulled out of the jack socket.

The other end of the DC Power Supply Motor Lead can now be fitted into the power supply socket. The power supply should also be placed on a good quality stand or shelf). Do not plug the IEC Power Supply Lead yet.

Now place the turntable on its selected stand, the feet are adjustable for levelling but this will be done after the platter is in place.

With the Intermediate Wheel Disengagement Tool in place carefully lower the platter over the spindle until it is seated firmly on the taper of the spindle. Note when you remove the platter it may be necessary to pull the platter upwards and have someone tap the spindle lightly with a soft item to free the taper spindle out of taper hole in the platters bush.

Now fit the platter mat.

With a good quality bubble level (the round ones are very good) place it on the platter mat roughly where the arc of the pick up arm will sweep across the record and level the turntable by rotating the 3 adjustable feet.

The turntable will come supplied with an arm board to suit the pick up arm of your choice.

The pick up arm and cartridge should now be fitted in accordance with the pick up arm manufacturers instructions.

Plug the leads from the pick up arm into amplifier and Fit the IEC Power Supply Lead to the Power supply.

The turntable is now ready to play (remove the Intermediate Wheel Disengagement Tool before playing).

Note: The puck provided will improve the contact between the record, the platter mat and the platter.

Note: The drive system on the V2.0 will produce a “whoosh” sound audible when in close proximity to the deck, this is entirely normal as the rubber wheel is compressed between the platter and motor drive pulley and is not transmitted to the loudspeakers.



#### **4. POWER SUPPLY CONTROLS**

The power supply has an isolating on/off switch at the rear. This can be left on and ensures the electronics are kept at a stable temperature but should it should be switched off and the mains plug removed from the wall during a lightening storm or when leaving the unit several days without use.

The fascia houses three controls and these are labelled working from left to right as follows: -

**+/-** This is the speed trim adjustment. A strobe disc can be used to set the speed accurately by rotating this control anti clockwise to slow the speed or clockwise to increase the speed.

**POWER** Depress this button to start the turntable

**33/45** Use this button to select 33  $\frac{1}{3}$  rpm or 45 rpm

## 5. CARE AND MAINTENANCE



**Important. Do Not Use Abrasive Cleaning Materials**

### **Platter**

The platter is machined from a solid piece of aluminium and supplied as a machined finish, painted or plated with precious metal.

Care should be taken when handling to avoid marks. The inner edge of the platter where the intermediate wheel runs can be degreased using a small amount of isopropyl alcohol on a soft clean cloth.

The outside is best cleaned using a clean silver/gold cleaning cloth if plated, a clean duster if it is the machined finish or warm mild soapy water if painted.

### **Platter Mat**

The platter mat is manufactured from acrylic and should be handled with the same care as a record it can be cleaned with warm mild soapy water. Note: even a record cleaning

brush may scratch the surface if it holds a piece of grit/dust.

### **Plinth, Pillars, Arm board**

The plinth is machined from two solid pieces of aluminium and supplied as an anodised finish or a painted finish these can be cleaned using a soft clean duster.

The pillars and arm board are machined from stainless steel and should be cleaned with a soft clean duster.

Care should be taken if the upper plinth is removed to avoid catching the main bearing on the lower plinth and damaging the finish.

### **Intermediate Wheel**

The intermediate wheel runs on a ground and polished hardened chrome steel shaft. This runs in a nylon bearing on a hardened steel ball. The top bush is phosphor bronze.

Both of these bushes are supplied fully greased and ready for use. In time the grease will dry out in the bushes. When this occurs the bushes should be cleaned out with a clean cotton bud and re-greased using the correct grease (available from SMD Acoustics). Note

take care not to loose the small bearing in the bottom bush.

The rubber wheel can be degreased using a small amount of isopropyl alcohol on a soft clean cloth; the area of note is the surface that runs inside the platter.

### **Main Bearing**

The main bearing is a precision-engineered component and is supplied fully lubricated.

The only maintenance required is the occasional oiling of the felt washer when it dries out the ensure lubrication of the spindle.

### **Power Supply**



**Important:** There are no user serviceable parts inside the power supply. Do not remove the cover, risk of electric shock.

Fuses can be changed by popping open the draw in the IEC socket at the rear of the unit.

The power supply can be cleaned using a soft clean duster.

## **6. ACCESSORIES**

Optional Dust Cover is available

Intermediate Wheel Grease

Main Bearing Oil

**Notes:**

*We hope you enjoy using your turntable and if you require any further assistance please contact your retailer in the first instance or you can contact us: -*

*SMD Acoustics  
Bankfield House  
Hoylandswaine  
Sheffield  
S36 7JY*

*[smdacoustics@gmail.com](mailto:smdacoustics@gmail.com)*

*Tel: 01226 761832*

*All details are correct at the time of publishing this owner's manual but we reserve the right to update the product at anytime without notice. Errors and omissions acceted.*