

# Assembling the Turntable



1. Open the box and take out the main turntable base. Remove the protective covering of the bearing shaft and ensure it is totally clean using a lint free cloth.



2. Fix the tone-arm base with height on the main turntable base.



3. Using the supplied syringe put a few drops of oil into the hollow at the top of the bearing shaft, and if needed, dropping the oil slide down onto the internal surface of bearing housing. Place the ball bearing into this hollow and put one drop of oil on its top. Gently rotate the ball using your finger to ensure it is covered with a thin film of oil.



4. Put the bearing housing very gently down over the shaft taking care not to displace the ball. It will be a very tight fit but once engaged it can drop suddenly - lower the bearing housing carefully by hand to prevent this. Now spin the bearing to ensure it runs smoothly.



5. If it's not smooth enough, use the syringe to fill the small hole at the top of the spindle. Once you've done this turn the bearing whilst gently lifting the bearing housing. The oil will disappear into the bearing and wash down the shaft. Because of the very tight clearances of the bearing there may still be small amounts of 'friction' - this will disappear as the bearing runs in.



6. Put on the cotton gloves and pick up the acrylic platter, with the dip for the record label uppermost. Hold it level over the bearing housing, locate it carefully and gently lower it until it seats fully over the bearing.





7. Take out one of the drive 'belts' and run it round the motor spindle and then round the platter. There are two ruts on the pulley of motor. The above rut is for 45 rpm, and the nether rut is for 33.3 rpm. Different ruts for the different speed. Only one switch control the motor. It could be found on the top of the motor housing and is a simple on/off.

8. By moving the motor housing by small amounts the drive 'belt' can be adjusted to grip comfortably without undue slippage or coming off. The exact tension can simply be adjusted at any time by moving the motor housing.

9. Once the turntable is assembled the tone-arm mounting plate can be bolted down using the large bolt supplied, and the arm board attached according to the manufacturer's instructions of tone-arm, difference arm boards for different tone-arms. Set up the proper arm board with the M4 bolt slightly first, and screw down to the end after level distance adjustment



**The last step:** Place the record puck (optional part) onto the spindle and use the adjustable feet of the turntable to level the turntable using the built-in spirit level.

## TECHNICAL SPECIFICATION

**Wow and Flutter:** Less than 0.02

**Rumble:** Greater than 80dB down

**Speed accuracy:** Within 0.01%

**Motor AC power connection :** 220V~240V 50Hz / 100V~120V 60Hz AC dependent on country.