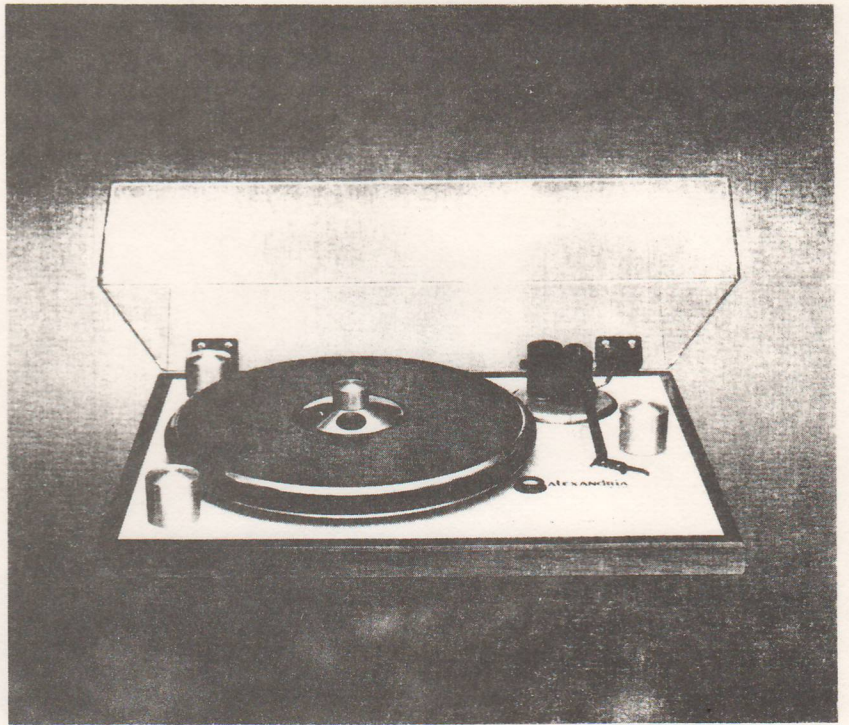


ALEXANDRIA

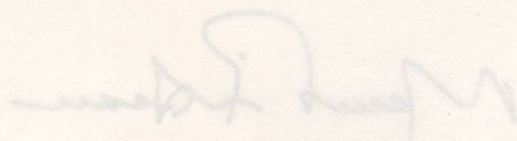


owner's
manual

The ALEXANDRIA turntable offers a unique combination of audio performance, user convenience, and durability in a cost-effective design that brings the world renowned quality of Ortofon turntables within reach of a wider audience than ever before.

Hidden beneath its relatively conventional but aesthetically pleasing facade are virtually all of the components that distinguished previous Ortofon turntables. In shaping the ALEXANDRIA's design, we critically re-examined its famous predecessor and streamlined some of the more expensive manufacturing techniques using the latest computer technology. As a result, the ALEXANDRIA combines outstanding audio quality and unparalleled value.

The ALEXANDRIA is extremely simple to assemble, operate, and maintain. All music lovers can install the turntable with confidence that it will realize its full potential.



Marcel Rinderman

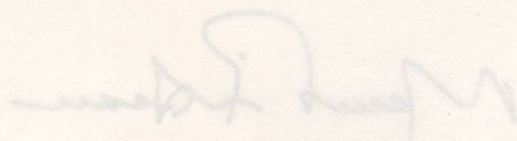
President

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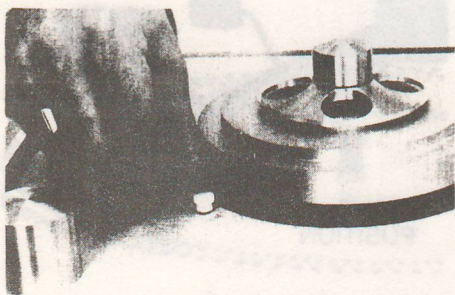
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Before assembling your ALEXANDRIA turntable, please obtain the following tools: a stylus pressure gauge, spirit level, a Phillips and standard flat screwdriver. We also recommend that a test record be used for fine-tuning of the Prelude tonearm. Consult your dealer.

1

UNPACKING YOUR ALEXANDRIA

- 1) Remove the inner box by lifting it straight up and out.
- 2) Remove the straps binding the packing assembly together.
- 3) Select a clean flat work surface for setting up the turntable, making sure that there is adequate light.
- 4) Remove the polystyrene wrapping.
- 5) Place the turntable/tonearm assembly on your work surface.
- 6) Remove the three transit locking screws.

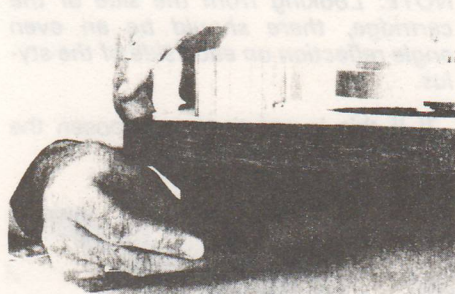


NOTE: Your ALEXANDRIA's packaging has been carefully designed to protect it from the hazards of shipping. It is advisable to save it for future use.

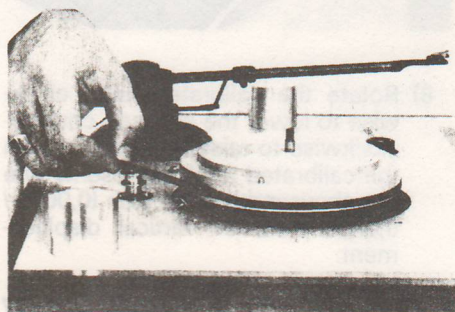
2

ASSEMBLY

- 1) Level the base by adjusting the height of the feet mounted on threaded shafts, using your spirit level as a guide (not the turntable's).

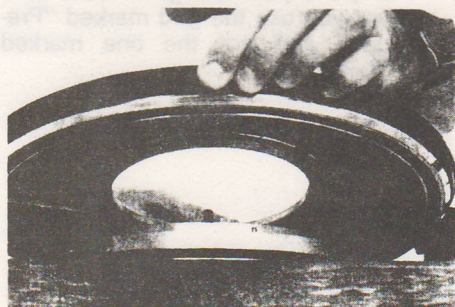


- 2) Remove the belt from the packaging and loop it around the pulley and the hub.



NOTE: Avoid overstretching the belt, and make sure that your hands are clean and dry before handling it.

- 3) Install the outer platter section on the hub, aligning it with the dowel pin.



NOTE: The outer platter will not fit onto the inner hub if it is colder. Let the outer platter reach room temperature before installing it. In order to maintain the precise balance of the platter assembly, the dowel and the recess into which it fits have been manufactured to very close tolerances. They will not mate properly if the outer platter is lowered onto the hub on an angle. Also ensure that there is no dirt on either surface where the hub and platter make contact.

- 4) Place the tapered washer over the spindle, tapered side up.
- 5) Place the Groove Isolator Mat on the platter.
- 6) Retrieve the clamp from the packaging and screw it lightly onto the threaded spindle.
- 7) If needed, adjust each of the suspension towers until the subchassis is level, using your flat head screwdriver and the round turntable-mounted level as a guide. Turn the screws counter clockwise to raise the suspension and clockwise to lower it.



NOTE: In order to obtain an accurate reading, position your head directly above the level and view it with one eye closed. Adjust the suspension height to obtain a measurement of 4.76 mm (3/16") from the top of the table and the bottom of the platter.

3

CARTRIDGE INSTALLATION

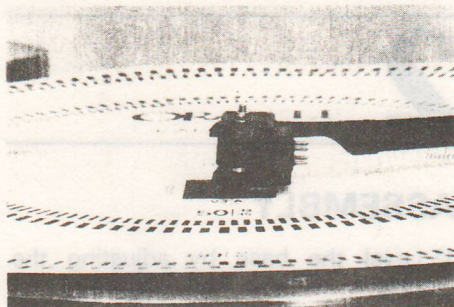
- 1) Select the right screws for mounting your cartridge. Remember that steel screws are two-and-a-half times the weight of aluminum screws, and any unnecessary increase in mass will have an adverse effect of warp riding.
- 2) Before installing the cartridge, make sure that its stylus protector is firmly in place. Tighten the screws just enough so that the cartridge can still be moved.

NOTE: We do not recommend the use of any putty or damping compound between the cartridge and head shell, or the use of nylon spacers or screws, since these materials will not allow a firm enough coupling.

- 3) Retrieve the appropriate tonearm counterweight from the packaging and slide it onto the rear of the tonearm, with its bevelled side facing the head shell.

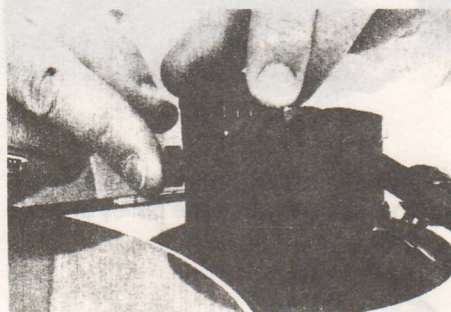
NOTE: Hold the tonearm pillar firmly during this operation to prevent damage to the bearings. Make sure that you have removed the stylus protector before setting the downforce.

- 4) Using your stylus pressure gauge as a reference, slide the counterweight forward or backward until the downforce is within the range as specified by the cartridge manufacturer.
- 5) First remove the tapered washer and place the CALIBRATOR disc on the mat.
- 6) Cue the arm down so that the stylus rests at the centre of the black reflective square on the disc.



NOTE: Looking from the side of the cartridge, there should be an even angle reflection on each side of the stylus.

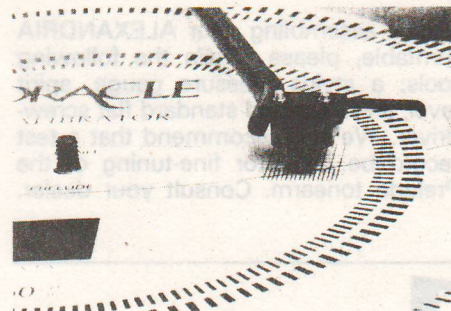
- 7) If this is not the case, loosen the VTA tower-locking screw.



- 8) Rotate the calibrated knob clockwise to lower the arm and counter-clockwise to raise it. Each mark on the calibrated knob represents one one-thousandth of an inch (0,001" / 0,0254 mm) of vertical displacement.

NOTE: With the VTA tower locking screw loosened, this adjustment can be performed while the record is playing, so that the optimum setting can eventually be judged by ear.

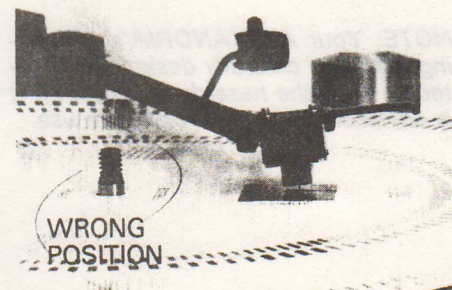
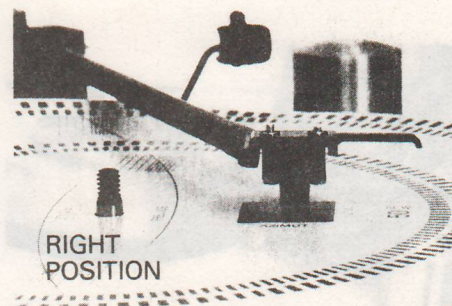
- 9) Cue the tonearm and set it down such that the stylus tip rests precisely in the indentation at the centre of the adjustment grid. Make sure that you use the grid marked "Prelude" and not the one marked "Finale".



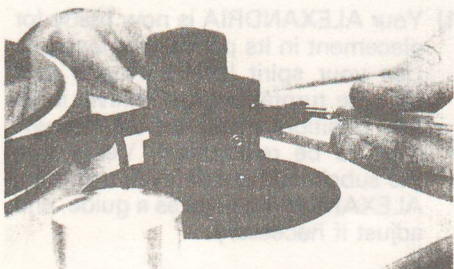
- 10) Move the cartridge forward and backward in the head shell until the cartridge body and the sides of the head shell are lined up with the grid when viewed from above, with the stylus resting in the indentation.

NOTE: Extreme care should be taken during all stages of this procedure to prevent damage to the delicate stylus.

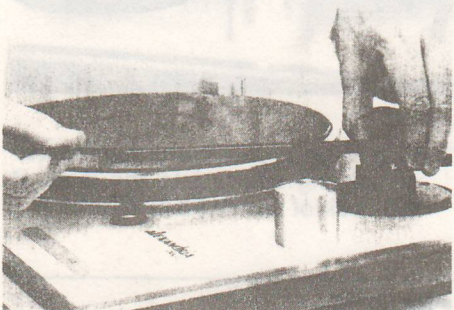
- 11) Tighten the cartridge screws firmly.
- 12) Re-adjust the downforce using your stylus pressure gauge, if necessary.
- 13) Cue the tonearm once more such that the stylus rests on the reflective black square. Looking at the stylus from the front, there should be an even angle reflection on the surface of the square.



- 14) If this is not the case, loosen the azimuth adjustment screw at the middle right side of the arm tube pillar, using the small screwdriver supplied, and twist the arm tube as required.



NOTE: Hold the pillar firmly during this procedure to avoid putting any undue stress on the bearings. The arm tube can be twisted $\pm 5^\circ$. Further adjustment will be unnecessary, and a locking screw impedes arm tube rotation beyond this point in order to protect the interior leads.



- 15) Once the proper angle has been achieved, re-tighten the azimuth screw.

NOTE: If a major correction has been required, the VTA may have to be re-adjusted.

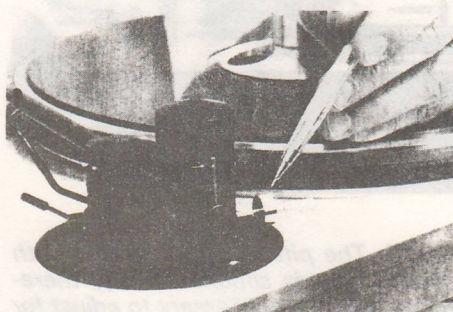
4

ANTI-SKATING ADJUSTMENT

Due to the nature of tonearm geometry, the groove tends to pull the stylus toward the centre of the disc and some

amount of force should be applied in the opposite direction to counteract this. This amount varies according to the tracking force and the type of stylus shape employed. Two anti-skating counterweights are supplied with the unit in order that proper adjustment of the anti-skating force can be made whatever the cartridge used.

- 1) Slide one of the weights onto the "L" structure toward the right if the force is to be increased and toward the left if it is to be decreased..



- 2) In order to determine the amount of anti-skating force required visually, examine the stylus and compare its position relative to the cartridge body when at rest and when playing the groove. If it inclines towards the centre of the disc, increase the anti-skating; if it inclines toward the outside grooves, decrease the anti-skating.

An insufficient amount of anti-skating manifests itself audibly as right-channel distortion. If there is too much anti-skating, the left channel will be more prone to break-up.

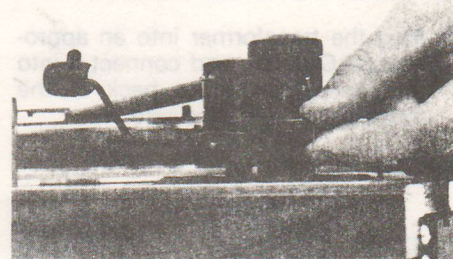
NOTE: We recommend the use of a test disc to determine the optimum amount of anti-skating. Consult your dealer.

- 3) Make sure that the anti-skating thread is evenly seated around the groove on the arm pillar, and is held securely in place by the azimuth adjustment screw. The notches along the "L" are for reference only, and do not indicate any anti-skating force meant to correspond to a given unit of downforce.

5

AUTO-LIFT ADJUSTMENT

The auto-lift mechanism has been adjusted at the factory to engage 10 mm before the dead groove. Since the distance between this groove and the spindle hole conforms to an international standard, no further adjustment should be necessary. In the event that the auto-lift triggers prematurely (or not at all) on some of your discs, the trigger mechanism can be adjusted by turning the small screw located at the back of the tonearm tube at the counterweight, with the small allen key provided.



Clockwise rotation (looking towards the front of the turntable) will cause the auto-lift to engage earlier, counter-clockwise will cause it to engage later.

6

CUEING HEIGHT ADJUSTMENT

The screw that adjusts the tonearm cueing height is located at the top of the arm base, between the arm pillar and the VTA tower. Should adjustment be necessary, insert the small allen key provided (with its long side along the horizontal plane to avoid interference with

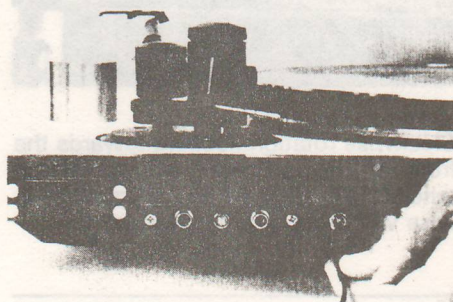
the arm) and turn the screw clockwise to lower the cueing height and counter-clockwise to raise it.



7

SPEED ADJUSTMENT

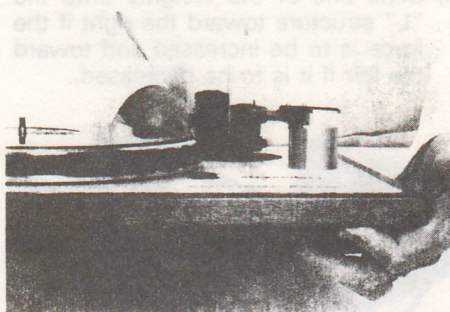
- 1) Plug the transformer into an appropriate AC outlet, and connect it into the receptacle at the back of the turntable on the right side.



- 2) Place the CALIBRATOR disc on the platter.
- 3) Select either of the 33.33 or 45 RPM speeds by pushing the appropriate buttons on the ALEXANDRIA.



- 4) Observe the strobe markings on the disc. Bring the turntable to the standard playing speeds by turning the pitch control located at the right front side of the base under the wood trim. Counter-clockwise rotation effects a reduction in turntable speed, clockwise rotation speeds it up.

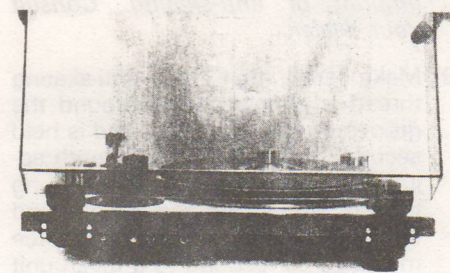


NOTE: The pitch control affects both playing speeds simultaneously, therefore it will be unnecessary to adjust for the 45 RPM speed once 33.33 has been adjusted. The pitch control allows a maximum variation of ± 5 per cent of the standard playing speeds.

8

ATTACHING THE DUST COVER

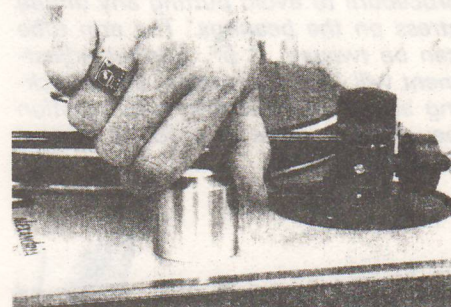
- 1) Install the dust cover by sliding the hinges into the supports on the ALEXANDRIA.



9

FINAL PLACEMENT

- 1) Your ALEXANDRIA is now ready for placement in its permanent location. Use your spirit level to make sure that the turntable base is level in its final position, otherwise the feet will have to be re-adjusted. Verify that the subchassis is still level, using the ALEXANDRIA's level as a guide, and adjust if necessary.
- 2) Fit the three suspension caps over the top of the suspension springs.



- 3) Plug in your preamp/turntable interconnecting cables into the jacks at the back of the ALEXANDRIA.

10

TIPS TO MAXIMIZE PERFORMANCE

- 1) Your ALEXANDRIA turntable is equipped with a superb suspension system capable of filtering out virtually all unwanted mechanical energy. Like all turntables, however, it performs at its best when located on a solid platform well away from your loudspeakers. For optimum sound quality, we recommend that you mount the ALEXANDRIA on a solid foundation - preferably on a shelf anchored to a load-bearing wall - away from the direct path of the loudspeakers.

- 2) If your system is capable of generating high sound pressure levels (SPL) at 20 Hz and below, try using the ALEXANDRIA without its dust cover attached. Under such circumstances, the dust cover may act as a diaphragm and transmit energy to the base exceeding the filtering capability of the suspension.
- 3) When the turntable mat becomes dusty, it should be cleaned with Brilliance and wiped dry with the lint-free cloth supplied.
- 4) Make sure that the peripheral wave band is firmly and evenly seated around the platter.
- 5) Certain types of record warps may be flattened more readily with the tapered washer placed on top of the mat (instead of underneath the mat).
- 6) Overtightening the record clamp could result in damage to the clamp, spindle or your records. For optimum performance the clamp needs only be finger tight. Gently tapping the run-out groove area using a pen or pencil will provide an audible indication of how well the record is coupled to the mat.



- 7) Avoid lowering the arm too suddenly so that the cam triggering the auto-lift is able to engage properly into the slot machined in the lever.

11

MAINTENANCE

- 1) The specially lubricated and permanently sealed bearing of the ALEXANDRIA has been designed to offer many years of trouble-free operation. No servicing is required.
- 2) All metal parts have been treated with a durable baked acrylic finish. They may be periodically cleaned with a soft cloth, using your Brilliance cleaner. Do not use a solvent-based cleaner which could mar the acrylic finish.
- 3) The dust cover can be cleaned with Brilliance and a lint-free cloth.
- 4) Every year, remove the belt and clean it, the pulley, and the inner rim of the hub with a lint-free cloth moistened with a few drops of denatured alcohol. Check the belt for signs of deterioration, such as cracking or hardening. Under normal circumstances, the lifespan of the belt should be two years.

12

ACCESSORIES

- 1) Replacement parts are available through your dealer.
- 2) Transformer/power supplies are available in two versions:
 - a) 100-115-130 VAC (50-60 Hz);
 - b) 200-220-240 VAC (50-60 Hz).
 Power consumption: 350 mA at 24 volts.
- 3) Phono cable for moving coil cartridge.

13

GENERAL DESCRIPTION

ALEXANDRIA Turntable

Speeds: 33.3 and 45 RPM (adjustable ± 5 per cent).

Drive system: Precision injection-moulded flat belt.

Motor: Oracle-Papst DC (Hall effect, 3-phase, brushless).

Suspension: Spring-suspended floating subchassis tuned to 3.5 Hz.

Dimensions: 49 cm x 37.5 cm x 16.5 cm.

Weight (with Prelude tonearm): 11 kg.

Prelude Tonearm

Effective length: 239 mm.

Overhang: 17.4 mm.

Offset angle: 23°.

Allowable cartridge weight: from 4 to 20 grams.

Horizontal and vertical friction: less than 15 mg.

Recommended cartridge compliance range: 10 to 50 m/mN.

Weight: 0.47 kg.

