Oracle Audio Technologies

6136 boulevard Bertrand Fabi, Suite 101
Sherbrooke. Quebec. Canada. J1N 2P3

phone:819-864-0480
fax: 819-864-9641

PRELUDE TONE ARM

The Fine Art Of Playing Music
www.oracle-audio.com

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Cartridge Installation

- *Select the right screws for mounting your cartridge. Remember that steel screws are 2 ½ the weight of aluminum screws, and unnecessary increase in mass will have an adverse effect of warp riding.*

- *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 puttu or damping compound between the cartridge and head shell, since these materials will not allow a firm enough coupling.*

- *Retrieve the appropriate tonearm counterweight from the packaging and slide it onto the rear of the tonearm, which 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.*

- *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.*

- *First remove the tapered washer and place the calibrator disc on the mat.*

- *Cue the arm down so that they stylus 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.*

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

- *Rorate the calibrated know clockwise to raise it. Each mark on the calibrated knob represents 0,001" or 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.*

- *Cue the tonearm and set is 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".*

- *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.

- *Tighten the cartridge screws firmly.*

- *Re-adjust the downforce using your stylus pressure gauge, if necessary.*

- *Cue the tone arm 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.*

- *If this is not the case, loosen the azimuth adjustment screw at the middle right 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 +/- 5 degree. Further adjustment will be unnecessary and a locking screw impedes arm tube rotation beyond this point in order to protect the interior leads.*

- *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*

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 counterweight are supplied with the unit in order that proper adjustment of the anti-skating force can be made whatever the cartridge used.*

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

- *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 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.*

Auto-lift adjustment

- *The auto-lift mechanism has been adjusted at the factory to engage 10mm 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 tone arm tube at the counterweight, with the small allen key provided.*

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

Cueing height adjustment

- *the crew that adjusts the tone arm 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 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.*