

Transparent Audio Marketing

MIT • RESPONS • VAN DEN HUL MC • WELL TEMPERED LAB

Transparent Audio Marketing

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Setting Up The Well Tempered Arm

You will need the following tools:

7/16" nutdriver
miniature screwdriver
miniature long-nosed pliers
Well Tempered Lab Protractor
An accurate stylus pressure gauge

1. Set post in arm hole on TT.
2. From bottom, slide on flat washer. Discard spring washer if included with your arm.
3. Screw on locknut with nutdriver to tighten post. Do not over tighten. VTA scale should be pointing out at right side.
4. Set arm assembly on post, and put arm fluid in cup. Arm fluid syringe is on bottom of arm box. When fluid settles, paddle should be covered. Fluid for arm is very stiff.
IMPORTANT: Arm and table fluid are not interchangeable.
5. Position arm:
 - a. Slide protractor over TT spindle.
 - b. Turn arm assembly (post should turn) into position until tip of slotted headshell lines up with the edge of the circle drawn on protractor around spindle hole.
 - c. Tighten locknut again if arm assembly is not secure making sure not to alter arm assembly position.
6. Mount cartridge.
7. Make preliminary tracking force adjustment. Make sure paddle in cup is fully settled and is not touching the cup edges.
8. Use protractor to adjust angle and back-front position in headshell slot of cartridge so that cartridge is parallel at inner and outer lines on protractor.
9. Place a record on platter and adjust cartridge azimuth so that bottom front of cartridge is parallel with record surface.

Audio Interfaces That Faithfully Reveal The Source

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10. Adjust VTA.

- a. Slide arm assembly on post until side view of cartridge body is parallel with record surface.
- b. Tighten thumbscrew on side of assembly to secure parallel VTA position.
- c. Place a pencil mark on side of arm assembly at "0" mark on arm post VTA scale. The pencil mark provides a VTA reference which is ideal for that cartridge. The pencil mark can be rubbed off and remarked to suit the VTA requirements of a new cartridge if the original cartridge is replaced.
- d. Lower VTA from "0" point on scale for negative VTA.

11. Adjust anti-skating on a blank part of a record. NOTE: Because of the tone arm damping, there is some anti-skating without any adjustment. If the cartridge is well aligned, very little anti-skating adjustment will be necessary. When the silver bars viewed from the top are closest together, there is the least amount of anti-skating.

12. Check azimuth again. Do not over correct.

13. Check tracking force again. IMPORTANT: The tonearm paddle must be given time to reach equilibrium in the tonearm fluid before final adjustment can be made. The paddle will tend to move a little each time the counterweight is moved so it is desirable to recheck tracking force after the paddle has stabilized again.