Nasotec Cartridge Alignment Block

The diamond tip must be set perpendicular to the vinyl for accurate performance. The cartridge body is aligned correctly when its top surface is parallel to the vinyl surface. From this orientation, azimuth refers to the horizontal alignment of the cartridge from the front, while the Vertical Tracking Angle (VTA) is adjusted by leveling the cartridge from the side.

Our Nasotec Cartridge Alignment Block is the best tool for easy adjustment. It also features a built-in spirit level to check if your turntable is perfectly balanced for optimal performance. With this, you effectively have two essential tools in one.

How to use Nasotec Cartridge Alignment Block

1. Ensure both the turntable body and the platter are perfectly level.

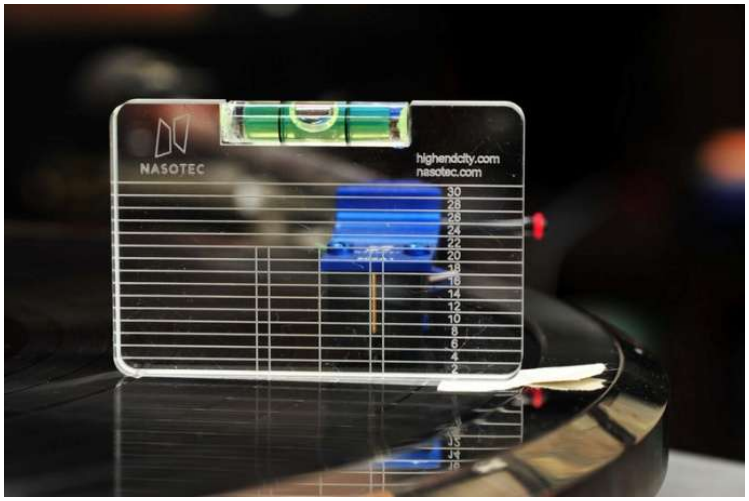
1) Check the level of the turntable by placing the Nasotec Cartridge Alignment Block at four different positions on the platter.
2) If it is not level, adjust the height of the turntable footers until the platter is perfectly balanced in all directions.

2. Please ensure that the alignment block placed on the record is also perfectly level

Next, select a perfectly flat record and place the block on the platter. If the block is not level when positioned in the desired direction, place a thin piece of paper under one side of the block to adjust it until it is balanced.

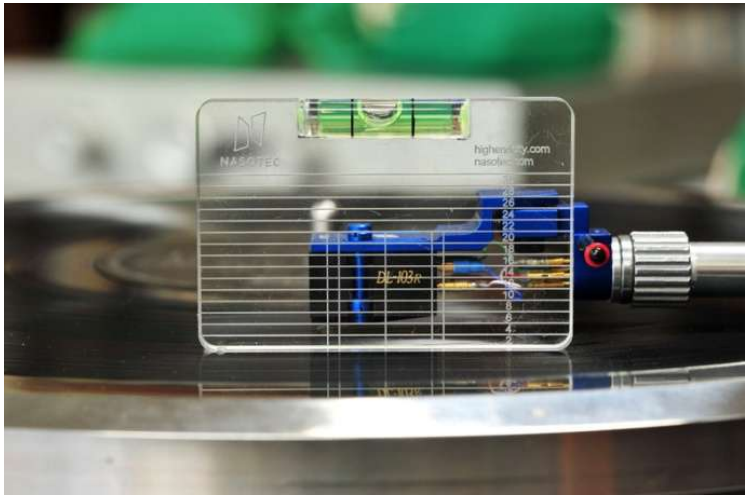
3. How to correctly align the azimuth

1) Place the tonearm at the center of the record and carefully positioned the Nasotec Cartridge Alignment Block in front of the headshell.
2) Gently lower the cartridge onto the record surface.
3) Check if the front of the headshell is parallel to the horizontal lines on the block.
4) If they are perfectly parallel, the azimuth is correctly ok.
5) If they are not parallel, loozen the headshell fixing screw on the tonearm and rotate the headshell left or right until the azimuth is perfectly level.



4. How to correctly align the VTA (Vertical Tracking Angle)

1) Move the tonearm toward the center of the record and place the Nasotec Cartridge Alignment Block parallel to the headshell, as shown in the image below.
2) Check if the bottom of the headshell and the horizontal lines on the transparent block are parallel. If they are level, the VTA alignment is correct. If not, adjust the tonearm height until the bottom of the headshell is perfectly parallel with the lines on the block.



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