



Kuzma 4Point Tonearm

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Differs from other tonearms by introducing several

new and unique features. The new zero-play bearing is configured on 4 points. The 4POINT tonearm has an effective length of 280 mm (11-inch), a very precise VTA adjustment facility and fits our standard mount with a 212 mm pivot-to-spindle distance. The heart of this new design is the unique 4-point bearing. Two points (which are similar to a uni-pivot bearing) allow and control vertical movements of the tonearm. The other set of two pointed bearings allow and control horizontal (lateral) movements of the tonearm. All four points of the bearing have minimal friction and zero-play in all planes of movement, thus ensuring that the cartridge platform and the cartridge itself follow the grooves of an LP with extremely low friction and minimal vibrations. 4POINT's main section is firmly connected to a very rigid and inert VTA tower which provides the option of ultra fine adjustments of the vertical tracking angle either when the tonearm is stationary or while the LP is playing.

All this, of course, without any loss of rigidity and with 0.01mm accuracy of adjustment and zeroplay! 4POINT's main tube is accurately machined out of a solid block of aluminium as in our AirLine parallel tracking tonearm. Two separate troughs offer independent damping of vertical and horizontal resonances allowing a very high degree of fine adjustment and tuning at all times. If so desired, damping troughs can be easily be detached from the tonearm.

4POINT's arm balancing solution consists of two counterweights – the main weight allows an accurate overall balance once the cartridge has been installed, while the second, smaller weight provides extremely fine further adjustment for total tracking force accuracy. As with other Kuzma tonearms, 4POINT also has a simple and effective solution for the very important azimuth adjustment in small, repeatable increments with zero play.

4POINT's detachable headshell is another distinctive feature of this tonearm.

Using a small Allen key, one can completely remove the headshell from the arm tube while the arm wiring including cartridge pins remains uninterrupted in its single run. Our headshell is fixed with a hexagonal locking system which provides the same degree of rigidity as if the headshell was permanently bonded to the arm tube.

4POINT's internal wiring is of the highest quality using special alloy silver formulation. A single, uninterrupted set of 4 wires runs from the cartridge pins to the termination box and further to the Eichmann bullet RCA connectors (overall length 1.4 m). Another (2nd) set of 4 wires runs simultaneously from the cartridge pins into the termination box and female Cardas rhodium RCA connectors, allowing use of an alternative tonearm cable between the termination box on the 4POINT and a phono input on your preamplifier. This, so called, bi-wiring approach gives the 4POINT tonearm the highest degree of flexibility and choice of parallel use of some of the very best cables available.



Technical data:

Effective length:	280 mm
Mounting distance:	212 mm
Offset angle:	19.5°
Distance from spindle to horizontal bearing:	264 mm
Effective mass:	14 g
Bearings:	4 spikes
VTA adjustment:	yes
Azimuth adjustment:	yes
Bias adjustment:	yes
Vertical damping:	yes
Horizontal damping:	yes
Cables:	bi-wiring
Arm mount:	Kuzma
Mass:	1,650 g



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