



Xerxes

OVERVIEW



The original Xerxes record player, launched in 1985, was one of the most significant turntable designs in audio history. With advanced engineering techniques and radical solutions intended to address the inherent problems suffered by other turntables, the Xerxes offered a more enjoyable and accurate presentation of music than anything else at the time.

The Xerxes 20+ is the result of over 20 years of ongoing research, development and refinement of the ideas behind the original Xerxes. The quality of engineering is visible through the compact clean lines and robust construction of the three-plinth, triple-layer isolation system: The top plinth prevents motor vibration from reaching the record/cartridge interface. The sub-plinth which supports the main bearing/platter assembly and the tonearm, decouples the stylus/groove interface and isolates it from external disturbances.



The detachable acetal armboard provides a further level of isolation with complimentary coupling between the tonearm and the sub-plinth. The hardened tool steel spindle, tungsten carbide ball and two-piece solid phosphor bronze housing - machined to an accuracy of 5 microns - provide the unique self-centering, self-aligning true single point main bearing.

The combination of plinth material density, damping and decoupling results in a musical performance that is second to none. The Xerxes 20+ is compatible with any Roksan arm, or any other high quality arm, to offer a powerful and expansive sound with a fast and deep bass combined with smooth and open treble.



Features:

- True high-end turntable
- Built and inspired from years of ongoing development
- Three-level decoupling design allows for a beautifully smooth and silent rotation of the record
- Perfectly suited to all Roksan tonearms
- Available in high quality piano gloss black, white or rosewood finish

Specifications:

Main Bearing Spindle:	Hardened Tool Steel
Roundness & Concentricity:	< 5 Microns
Length - Diameter Ratio:	11:1
Main Bearing Ball:	Super Precision Tungsten Carbide
Roundness:	< 1 Micron
Diameter:	2mm
Main Bearing Housing:	Solid Phosphor Bronze
Clearance:	2/1,0000"
Inner Platter:	2 Piece Solid Aluminium Alloy, Interference Fitted Non-Resonant
Outer Platter:	2 Piece Solid Aluminium Alloy, Interference Fitted Non-Resonant
Structure:	3 Plinth Design
Isolation:	3 Level De-Coupling
Motor:	Custom Made 24 Pole Synchronous
Pulley:	Solid Aluminium Alloy
Roundness & Concentricity:	< 1 Micron
Belt:	Precision Ground Neoprene
Motor Mount:	Unique Synchronizing Bearing
Motor Drive:	External Speed Controller
Wow & Flutter:	< 0.02%
Rumble:	< -80dB
Dimensions:	450 x 370 x 115mm
Weight:	12kg





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