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# NOVUM

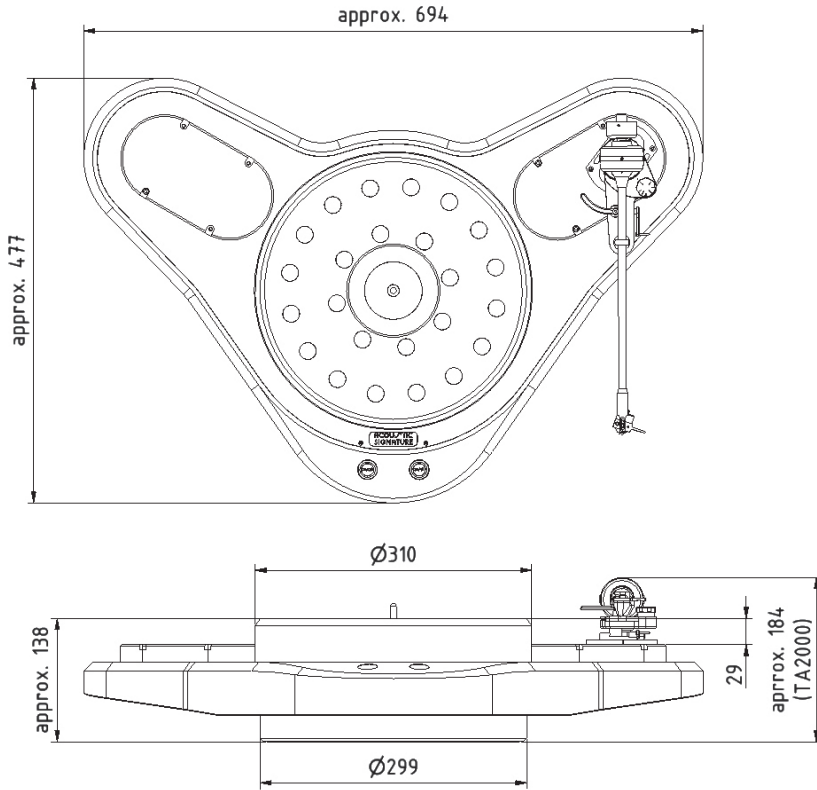


The NOVUM represents an entirely and fundamentally new way of looking at turntable design. We left no stone unturned to create a stunningly beautiful looking table capable of enormous sonic performance. The NOVUM is manufactured with our new revolutionary 24-Silencer-platter design, one of the most significant features and improvements in our turntable designs.

The platter is driven by 3 integrated hidden motors which drive a heavy sub platter. The NOVUM is designed and built for exceptional music reproduction. Our 50 mm thick solid turntable platter is made of aluminum with a total of 24 ACOUSTIC SIGNATURE-Silencer inserts. The platter is fabricated from a very soft alloy to optimize its periodic resonance and is coated on the lower face with resonant-damping material. The Silencer-platter development target was clearly defined; total elimination of any resonance or vibration due to introduction of airborne or coupled acoustic energy.

We at ACOUSTIC SIGNATURE believe that the motor system for a turntable should have enough force and inertial energy to obtain proper platter speed but not influence it during rotation. We reached that goal by using 3 European made synchronous motor with our own „State of the Art“-motor controller. The motors sit beside a cone-shaped sub-platter propelled by this 3-motor drive system. The 3 internal drive motors run by their own electronic controller. It is a brand new design where fully digital output stages and quartz locked technology is employed.

Our Tidorfolon-bearing is a hand-tuned slide bearing that is been perfectly developed to guide the platter with approximately no clearance and likewise no friction or sound. It is always manufactured with great love for detail and precision in accordance with the best fine mechanical tradition.



## TECHNICAL DATA

	NOVUM
Dimensions (width x height x depth)	670 mm width x 480 mm depth
Weight	approx. 36 kg depending on extras ordered
Drive System	3 Synchron motor, electronically regulated, power-decoupled, adjustable
Speed range	33 1/3 RPM and 45 RPM
Power adapter	Internal AC to DC power adapter (in Digital Motor Control DMC2+), Input: 100 V to 260 V AC 50Hz Optional: DC-Input 24 V via XLR 5 pin-connector
Bearing	High precision Tidorfolon-bearing
Chassis	resonance-optimised mass chassis with 3 adjustable feet, very soft alloy for low resonance
Platter	high precision plate made of aluminum, 5 cm thick, 15 kg with 24 Silencer modules double isolated
Power supply	100 V to 260 V