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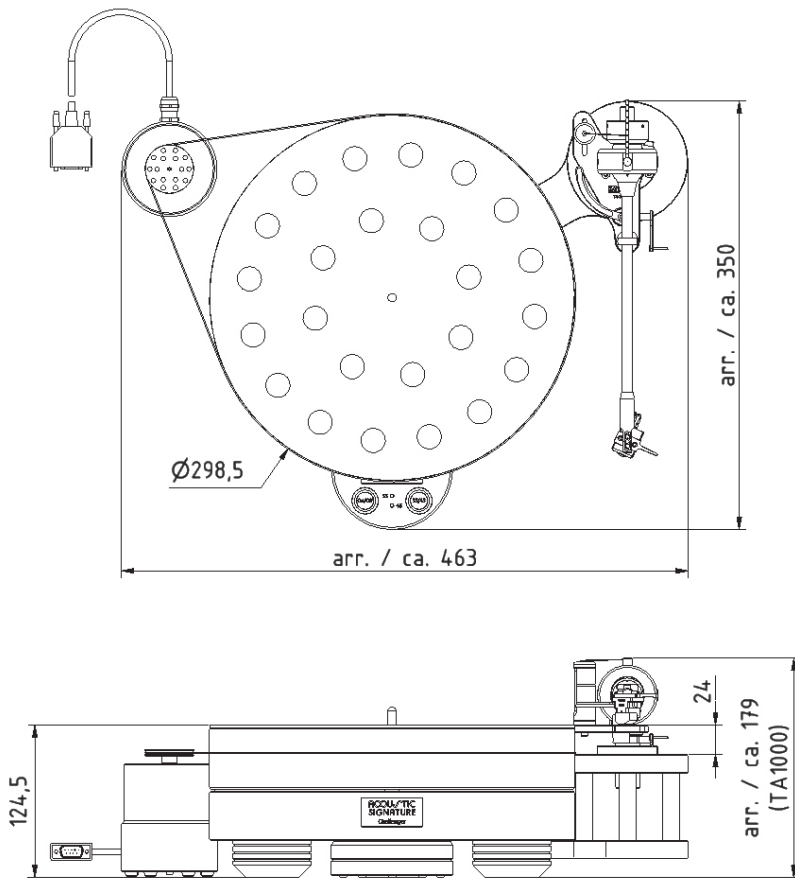
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## CHALLENGER<sup>2018</sup>



The CHALLENGER<sup>2018</sup> turntable weighs in at 23 kg, to offer you our statement in entry level high mass turntable. With this latest CHALLENGER<sup>2018</sup> design, we bring together one of the most sophisticated external drive and power supply systems, with a massive high mass 50 mm thick platter, supported by a solid 40 mm thick chassis. The new CHALLENGER<sup>2018</sup> is a consequent improvement of the former design. It's combined with the award-winning performance, elegance, convenience and comfort that have made our mass turntable series so successful all over the world. At the new CHALLENGER<sup>2018</sup> the massive aluminum platter is a perfect fit for the Tidorfolon-bearing spinning the platter. Up to 3 arms can be placed around the plinth and are easy adjustable.

Our digital motor electronic Beta-DIG provides perfect speed stability and easy operation. All parts together result in the sound of a CHALLENGER<sup>2018</sup> so outstanding for his price class. We at ACOUSTIC SIGNATURE believe that a motor system for a turntable should have enough energy to speed up the platter but not influence him during rotation. We reach that aim by using a European made synchronous motor with our own „State of the Art“-motor control. This engine system is absolute stable in his rotation speed and in combination with the digital control easy to use and reliable. The CHALLENGER<sup>2018</sup> can handle up to 3 motors and 3 tonearms at the same time.



## TECHNICAL DATA

	CHALLENGER 2018
Dimensions (width x height x depth)	440 mm x 180 mm x 350 mm
Weight	21 – 25 kg weight, depending on extras
Drive System	1 synchronius motor, electronically regulated fully mains decoupled adjustable, Beta-DIG motor electronic, external power supply
Speed range	33 1/3 RPM and 45 RPM with motor electronic
Power supply	115 or 230 V
Bearing	High precision Tidorfolon-bearing rollerbushed and paired with axle
Chassis	vibration damped chassis, 3 height adjustable feets, soft alloy for low resonance
Platter	high precision platter made of aluminum, 5 cm height, weight: 9 kg