

# *Thales* Turntable

TTT-Compact II





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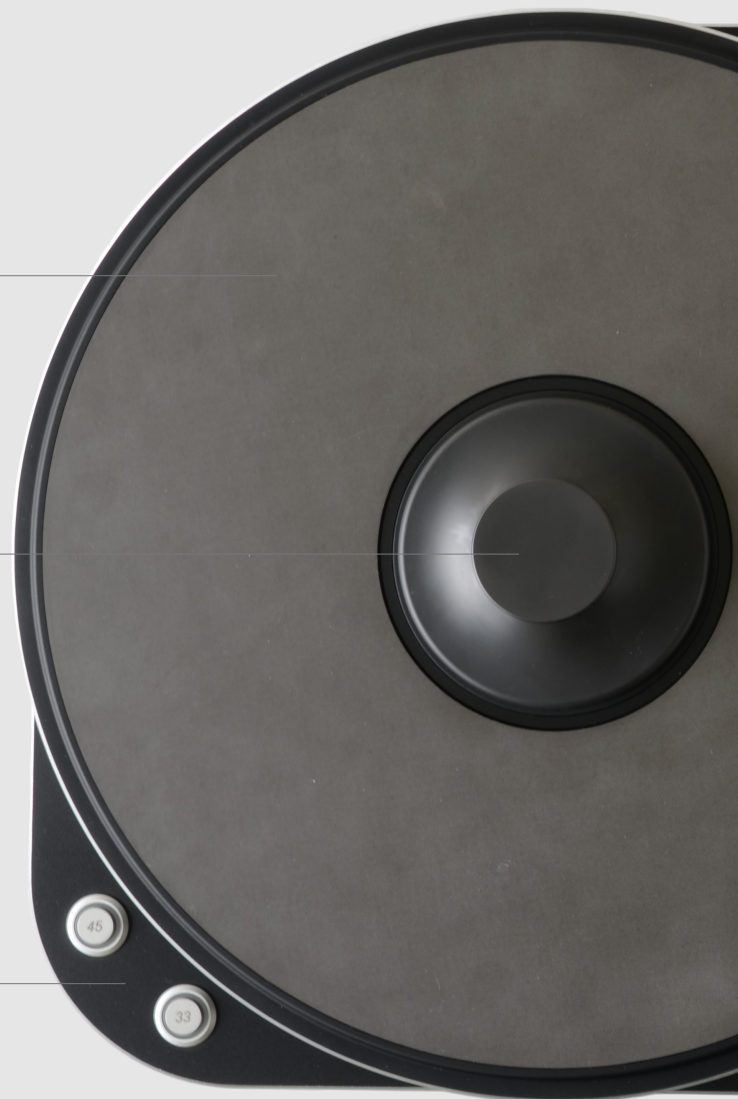


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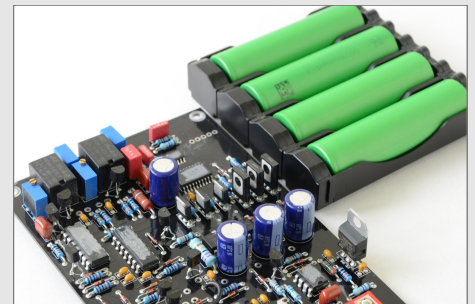


The remarkable design and performance of our tangential pivoted tonearms are recognized today as world standard. In our unceasing efforts to optimize analogue tracking, we constantly invest in the further development of our products. We are proud therefore to present to you our reference turntable TTT-Compact II. Basic research has enabled us to perfect the belt-drive system by a unique arrangement of its parts. Precision, ease and harmony of sound are the outstanding characteristics of the ensuing reproduction quality, hitherto thought to be impossible with such a compact and finely designed device.

Years of experience in the field of analogue tracking were necessary to set the benchmark for excellence in the construction of turntables higher once more. Manufactured in fine craftsmanship, the TTT-Compact II is perfectly tuned to our tonearm Thales Simplicity II. Just its fine and compact design allows a mechanical stability not to be realized within the framework of a more extensive concept. Each of the 170 parts has been carefully designed to perform its function in the overall concept perfectly.



- 1 connection for charger
- 2 main-Switch: ON-OFF-CHARGE
- 3 THALES arm base  
option: adapter for 9" tonearms
- 4 tangential pivoted tonearm THALES SIMPLICITY II (recommended)
- 5 fine-tuning of platter speed
- 6 operation panel for speed setting and control of the charge condition
- 7 clamp with highly effective damping inlay
- 8 immersed platter with high density inlay
- 9 sub-platter and drive unit with optimized belt-guidance
- 10 drive unit made of ductile iron with integrated flywheels
- 11 main bearing with hardened, hand-polished shaft and casted casing, made of spheroidal graphite
- 12 battery power source and drive electronics



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The new type of drive system combines the advantages of a classic friction drive concept with the ones of the widespread belt drive concept. The short belt is led thereby by two pulleys in such a manner that relative movement of motor and platter is efficiently suppressed. The resulting hard coupling makes the moment of inertia of the high-revving drive unit to become sonically effective. The drive unit, made of ductile iron, is fixed on an exactly calculated spring element. In order to neutralize resonance, the revs of the three flywheels are designed in unharmonious ratio.

The battery pack of the newest generation (peak capacity 100 W) offers more than 12 hours of listening independent of the mains supply. Every effort was made to perfect materials and manufacturing of the main bearing, the clamp and platter inlay for this new device. The TTT-Compact II rests on adjustable spherical spikes, keeping horizontal vibrations effectively away from the tracking process. All these high quality features are designed and manufactured to set the music free.



### **Turntable Specifications**

- decoupled drive unit with BLDC motor
- belt-guidance with three flywheels
- high-precision bearing, hardened
- high-density mat as platter inlay
- decoupling ball element feet
- integrated batteries and drive electronics
- clamp with high density inlay
- available in black or silver colour



### **Technical Specifications**

- platter speed: 33 $\frac{1}{3}$ rpm, 45rpm
- wow and flutter at 33 $\frac{1}{3}$ rpm, IEC 386:  $\pm 0,04\%$
- rumble: -60dB (unweighted)
- dimension (WxDxH): 432x312x125mm
- weight: 16kg
- input voltage for charger: 100-240V, 50-60Hz
- battery service life: 12h