



A2

Fully automatic sub-chassis turntable

MSRP 1 199 € (incl. VAT)

- **NEW** Sub-chassis principle
- **NEW** 8 layer hand painted MDF main chassis
- **NEW** Diecast aluminium automatic mechanics cover
- **NEW** 8,3" black-aluminium ultra-light-mass tonearm
- **NEW** 33/45/78 RPM electronic regulated DC motor
- **NEW** Massless tracking force adjustment
- **NEW** Ultra-low friction 4-point cardanic aluminium tonearm bearing
- **NEW** Damped counterweight to eliminate resonances
- **NEW** Pre-adjusted Ortofon 2M Red cartridge*
- **NEW** Silicon damped aluminium feet
- Precise mechanics with automated start and stop
- Damped aluminium platter for decreased wow & flutter
- Carbon fibre reinforced anti-magnetic headshell
- Premium semi-symmetrical Connect it E phono cable
- Gold plated RCA cable connectors
- Dust cover included
- Handmade in Germany

Colour: ●

Speed: 33, 45, 78 RPM (electronic speed change)

Drive principle: belt drive, fully automatic

Platter: damped aluminium platter

Wow & flutter: 33: +/-0,14%; 45: +/-0,12%

Speed drift: 33: +/-0,27%; 45: +/-0,22%

Signal to noise: 74dB

Tonearm: ultra-light-mass 8,3" aluminium tonearm

Effective arm length: 211mm

Overhang: 19,5mm

Included accessories: 15V DC / 0,8A power supply, dust cover, 7" single adapter, feltmat, phono cable

Power consumption: 1,5W

Dimensions: 430 x 150 x 365 mm (WxHxD)

Weight: 7,3 kg net / 10 kg with packaging

*US-Version features the Sumiko Rainier

AUTOMAT A2

AUTOMAT A2 Technology

The A2 continues the success of our fully mechanical automatic turntables. New on the automatics of the A2, you can now select the **drop off point** for **7" (singles) or 12" (LPs) for 45 RPM** records. We have also added **78 RPM** to the system allowing you to dig back into old **shellac collections**.

To enjoy listening to your A2, **just press start** and the tonearm is **automatically moved** to the lead in groove of the record. Once playing, the automatics are **completely taken out of the equation**. And because the automatics are working entirely mechanically – no additional electronics needed – they are **truly not influencing or degrading sound quality** during playback! At the end of the record, the tonearm is **automatically lead back** and **gently lowered** into its resting position and the **motor turned off**.

Handmade in Germany

The A2 is **fully handmade in Germany** and looks back on **decades of experience** in turntable manufacturing. Even all the individual components of the A2 are **98-99% made and produced in Germany** – either within the factory or its immediate vicinity. The A2's **main chassis** for example is now **designed and made in Austria!**

Pro-Ject Design Philosophy

Adding **Pro-Ject designs and ideas**, we have spent a lot of time on the A2's **clean design language**. You will see similarities to **iconic designs** of the German audio industry. Today, we believe that this **minimalistic approach** is very much **modern again**.



Heavy MDF main chassis

The goal was to create an automatic turntable to satisfy **sound-concerned music lovers**. To achieve this, we have **heavily invested** into **new materials and tools**.

The new **heavy MDF** main chassis is **made and designed in Austria** and carefully **hand painted** in a **luxurious 8-layer matt black finish**. It provides a very sturdy base for the sub-chassis and **reduces hollow spaces to avoid resonances**. Such a **massive chassis** is very unusual in this price range and the base for **natural sound**.

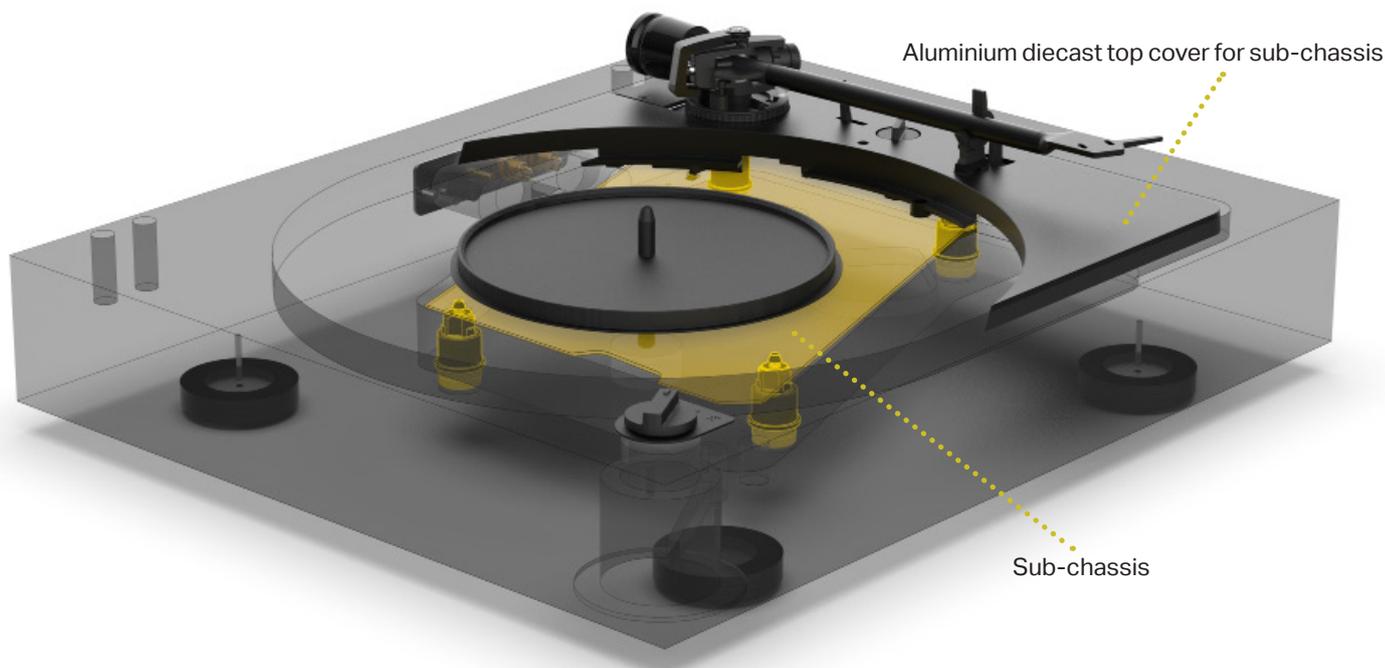
Floating sub-chassis

The A2 employs a **sub-chassis** construction, where the tonearm, platter bearing and motor are mounted onto a **separate floating sub-chassis**. This **isolates** all the **most critical turntable elements** further and adds an extra layer of protection against outside noise, resonances and interference. This has especially **big advantages**, when your loudspeakers are very close to the turntable.



Why sub-chassis?

Automatic turntables have **many small mechanical parts**, which means you need **more hollow space** in the chassis to fit them. Hollow spaces are the biggest problem as they always **reinforce resonances**. By using a **sub-chassis**, you **decouple the tonearm and drive from the chassis**. In other words, a sub-chassis is a **MUST** for automatic turntables and enables them to reach **excellent sound performance**.



Improved automatic mechanism

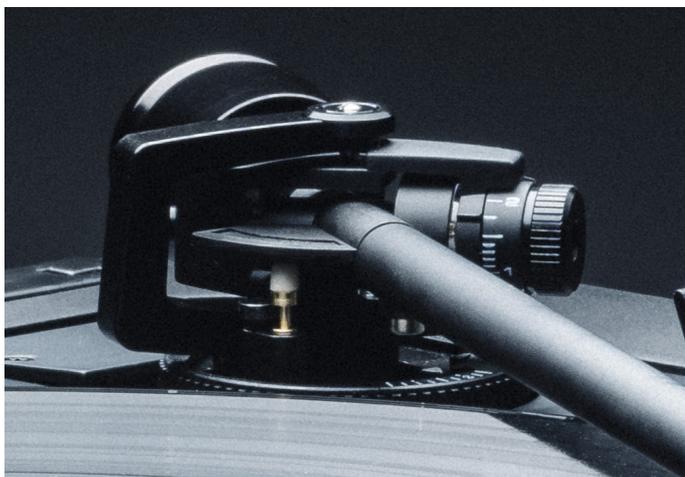
We have **invested in a new aluminium diecast top** for the whole sub-chassis and automatic mechanism. We have **tried to avoid plastic parts** from the original German automatic design as much as possible. This is the **first time in all the 50 years** of its existence that the **original automatic design** has **received an improvement** like this.

Due to the **new aluminium diecast cover** and the **massive chassis**, the whole **sub-chassis construction is more effective and isolates** unwanted resonance much better.



Massless tracking force adjustment

The A2 uses a **new system** for setting the tracking force. As usual, you first level out the tonearm with the **damped counterweight**. Damping the counterweight makes the tonearm as a whole more robust and **decouples** the counterweight from the tonearm **reducing resonant frequencies**. Afterwards the tracking force is set by **turning a dial directly on the tonearm bearing**. Not only is this system very **fast, precise and efficient**, it also keeps the **center of gravity directly on top of the bearing center**. The **spring based anti-skating** can also be adjusted directly on the tonearm base.





Improved tonearm & cardanic bearing

The A2 features an **8.3" ultra-light-mass aluminium tonearm** with an **improved tonearm tube** with bigger diameter. This is a perfect match for the slightly heavier **Ortofon 2M Red**. In combination we retain the **super fast response** and all **transient detail** with lots of fine **microdynamics**, while the new 2M Red adds a lot of body and musical warmth. The **tonearm bearing** has received a **major upgrade**, is now made out of **aluminium** and features a **4-pin-point cardanic construction with steel tip-ball bearings** from our own production. This allows for **unhindered and free** tonearm movement with the **lowest amount of friction** possible. The A2 will track your vinyl records with the utmost of precision and tightness.

Why Ultra-Light-Mass tonearm?

Since forever, there has been this technical discussion about **light-weight tonearms with high compliance MM cartridges** vs. **heavy tonearms with low compliance MC cartridges**. Both approaches have advantages and disadvantages and you'll find detailed analysis in concerned literature.

However, when it comes to **automatic turntables**, we **NEED ultra-light-mass tonearms**. There is no way around it. We need the automatic mechanics to be like those in mechanical watches: small and precise. A **heavy tonearm** would result in a **rougher mechanical design** as much higher masses have to be moved. Therefore, the **A2 reaches performance highs** like **no other automatic turntable** on the market.





Carbon fibre reinforced anti-magnetic headshell

The headshell is made of **carbon fibre reinforced polymer** which makes it super **stable and rigid**, all while keeping the weight at a lowest to work perfectly with the ultra-light-mass tonearm design. The polymer/carbon composite material results in **excellent internal damping** of resonances.

Controlled 33/45/78 RPM speeds

In typical Pro-Ject fashion, the motor is **electronically controlled** for the most **accurate and stable** playback speeds. Easily switch between 33, 45 and 78 RPM with the push of a button.

Aluminium feet with silicon damping

The new **aluminium feet** **effectively decouple** the turntable from the surface it is placed on using an internal silicon damping layer. This is an **essential feature** for every good turntable as it acts as yet another mechanism to ensure your vinyl playback is **not influenced by outside interference and resonances**.





Damped aluminium platter

The aluminium platter is **100% made in Germany**. In three operations it is first stamped, bent and perforated. After that, it goes directly to our next local German supplier for phosphating and de-oiling. A **damping ring on the inside** is added to increase weight and reduce resonances.

In an extra step, it is then **lathed and precision balanced** to receive its fine edges and **lowest wow and flutter** deviations. Finally, it gets its **smooth paint job**, adding to the matt black stylish and clean looks of the A2.

Semi-symmetrical phono cable with gold plated connectors

The A2 comes with our **Connect it E** phono cable. It is a **semi-balanced, low-capacitance cable, with superior shielding**. Compared to other digital and analog music sources, the signal coming from a turntable cartridge is very fragile in nature and cheap RCA cables often do not provide the ideal conditions for getting a phono signal to an amplifier.

The Connect it E is **purpose-designed** for this exact application and **unique in this price class**.

