

# AUTOMAT A1



## A1

### Fully automatic turntable

Colour: ●

- Factory installed and aligned Ortofon OM10 cartridge
- Built in, switchable phono preamp
- 8.3" aluminum low-mass tonearm
- Precise mechanics with automated start and stop
- Aluminum platter with damping ring
- Carbon fiber reinforced non-magnetic headshell
- Resonance damped chassis
- Silicon damped isolation feet
- Electronically controlled playback speeds
- Premium semi-symmetrical Connect it E phono cable
- Gold plated RCA cable connectors
- Dust cover included
- Handmade in Germany

**Speed:** 33, 45 (electronic speed change)

**Drive principle:** belt drive, fully automatic

**Platter:** damped aluminum platter

**Wow & flutter:** 33: +/-0,27%; 45: +/-0,25%

**Speed drift:** 33: +/-0,75%; 45: +/-0,65%

**Signal to noise:** 65dB

**Tonearm:** ultra-light-mass 8,3" aluminum tonearm

**Effective arm length:** 211mm

**Overhang:** 19,5mm

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

**Power consumption:** 1,5W

**Dimensions:** 430 x 130 x 365 mm (WxHxD)

**Weight:** 5.6 kg net

## The Pro-Ject Philosophy

Pro-Ject Audio Systems has always had one purpose since its establishment in 1991: bring HiFi Stereo music enjoyment to as many people as possible. How do we do this? By focusing all our efforts and energy into making the best sounding HiFi as affordable as possible. In 1991 we have achieved this with our first turntable – the Project 1. Why a turntable? Because, back then, the CD format was in its infancy, had its fair share of problems and CD players were too expensive.

## Reliable - Sustainable - Affordable

The **Pro-Ject 1** was a simple looking turntable. It didn't focus on features or fancy design – even a brand logo was missing. It had to be reliable, sustainable and bring the best possible sound for the least amount of money. Build quality and craftsmanship had to be excellent so it could keep spinning records for the next 30 years and longer. And the manual design helped to keep costs low and price/performance unbeatably high. It was the ultimate winning combination.

The sheer joy of listening to analogue records for a relatively low price, on one of our minimalistic turntables, created a huge wave of enthusiasm! The revival of the analogue record started in the mid-90s and like the snowball effect it rolled on inexorably. More and more turntables and analogue records even became part of a new "lifestyle". Towards the end of the 90s, we decided to make our most popular product, the **DEBUT**, in many fancy colours. So people bought our products because they looked cool!

## Deeply Analogue For Everyone

Consequently, for the design of our products, which must always be of excellent sound quality, we were looking to make them easier to install and use. Simply to encourage even more customers to take the deep plunge into the analogue world with us, who feared about installation and complicated usage.

**PRIMARY**, first turntable with pre-adjusted tracking force and anti-skating, just plug & play!

**VT-E**, vertical turntable which could also simply be mounted to a shallow board or the wall!

**JUKE BOX**, Plug & play turntable with integrated amplifier and Bluetooth receiver!

**ESSENTIAL BT** and **DIGITAL**, to connect to modern Bluetooth receivers and streaming speakers!

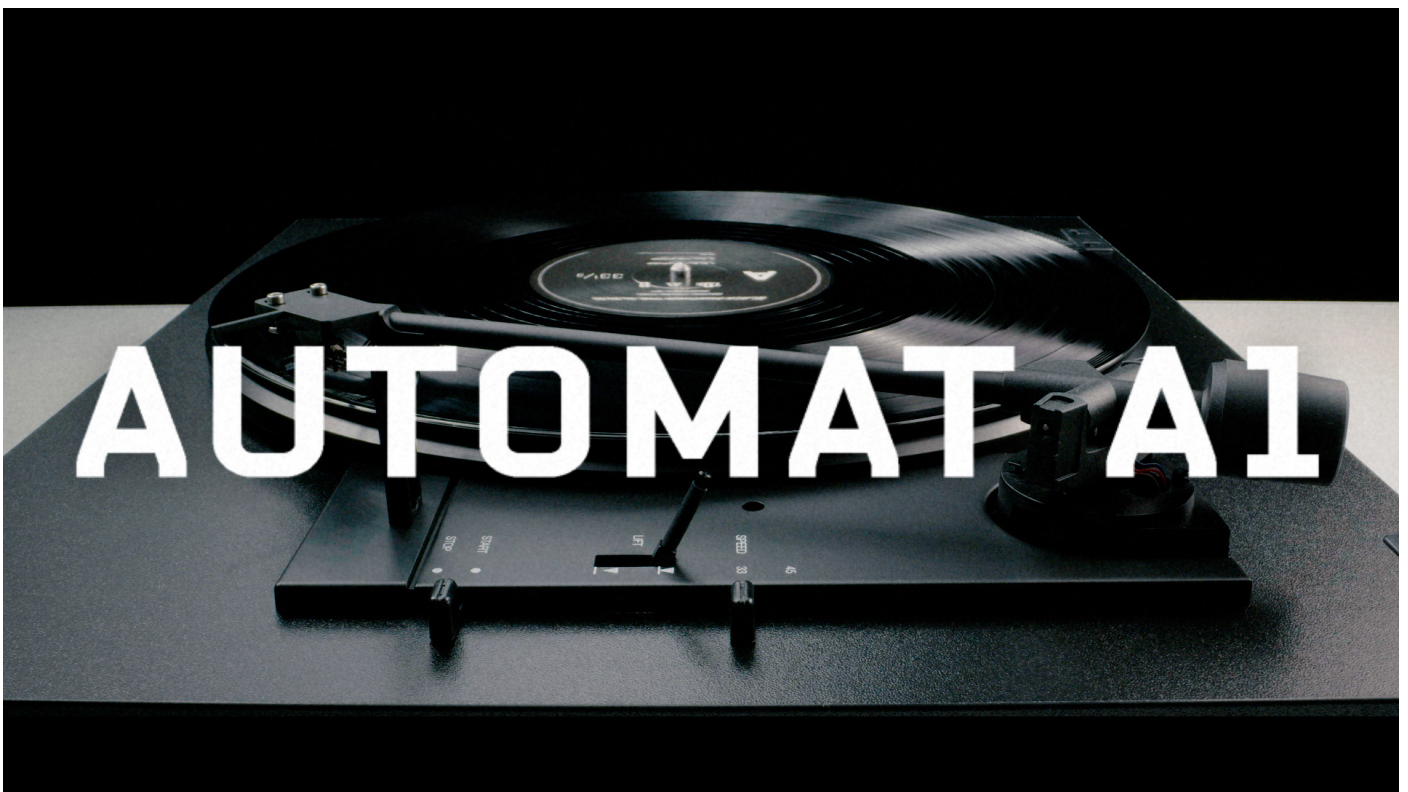
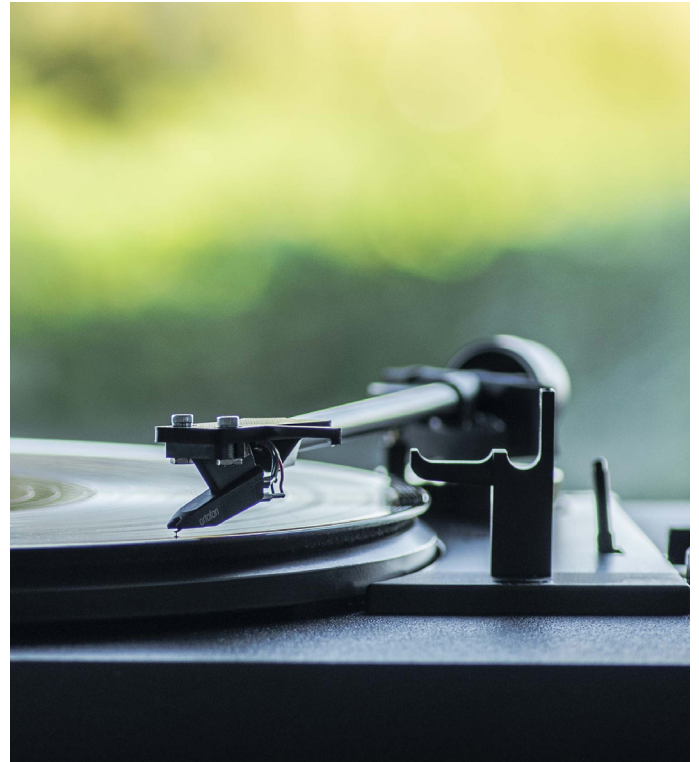
We also realized, the biggest wish for many customers was an **AUTOMATIC** turntable as they searched for the maximum simplicity of use. This has led many (often far-east) competitors to enter the business (again), but their products were mainly out of plastic and not the sound quality we have always been looking for.



# AUTOMAT

Pro-Ject Audio Systems is now extremely proud to announce that we have finally found access to exactly the kind of technology that allows us to make automatic turntables without degrading the sound quality to below our standards.

Handmade in Germany by a traditional manufacture with a wealth of experience in making automatic turntables, the new Pro-Ject **AUTOMAT** series of turntables are, what we think, the new pinnacle of automatic turntable design. This technically reliable technology is what enables us to bring the Pro-Ject sound and philosophy to an entirely new audience, and, with it, affordable and accessible high-quality HiFi to people's homes.



## AUTOMAT Technology

The Automat technology in the A1 allows us to finally bring the Pro-Ject sound and philosophy to an entirely new audience. All the pieces of the super-complex automatics are entirely built and assembled by hand in Germany by a traditional manufacture, known for their superb reliability and outstanding sound quality. The chance to get access to this technology is a once in a lifetime opportunity and allows us to reach new pinnacles in automatic turntable design. And It all starts with the A1.

It has fully automatic start/stop with the automatics being completely disengaged and decoupled during the entire runtime of the record. The fully mechanical automatics are engaged when you 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 are not affecting the playback quality - the free movement of the tonearm and platter - at all! And because the automatics are working entirely mechanically – no additional electronics needed – they are truly not influencing or degrading sound quality during playback!



## Controlled 33/45 RPM speeds

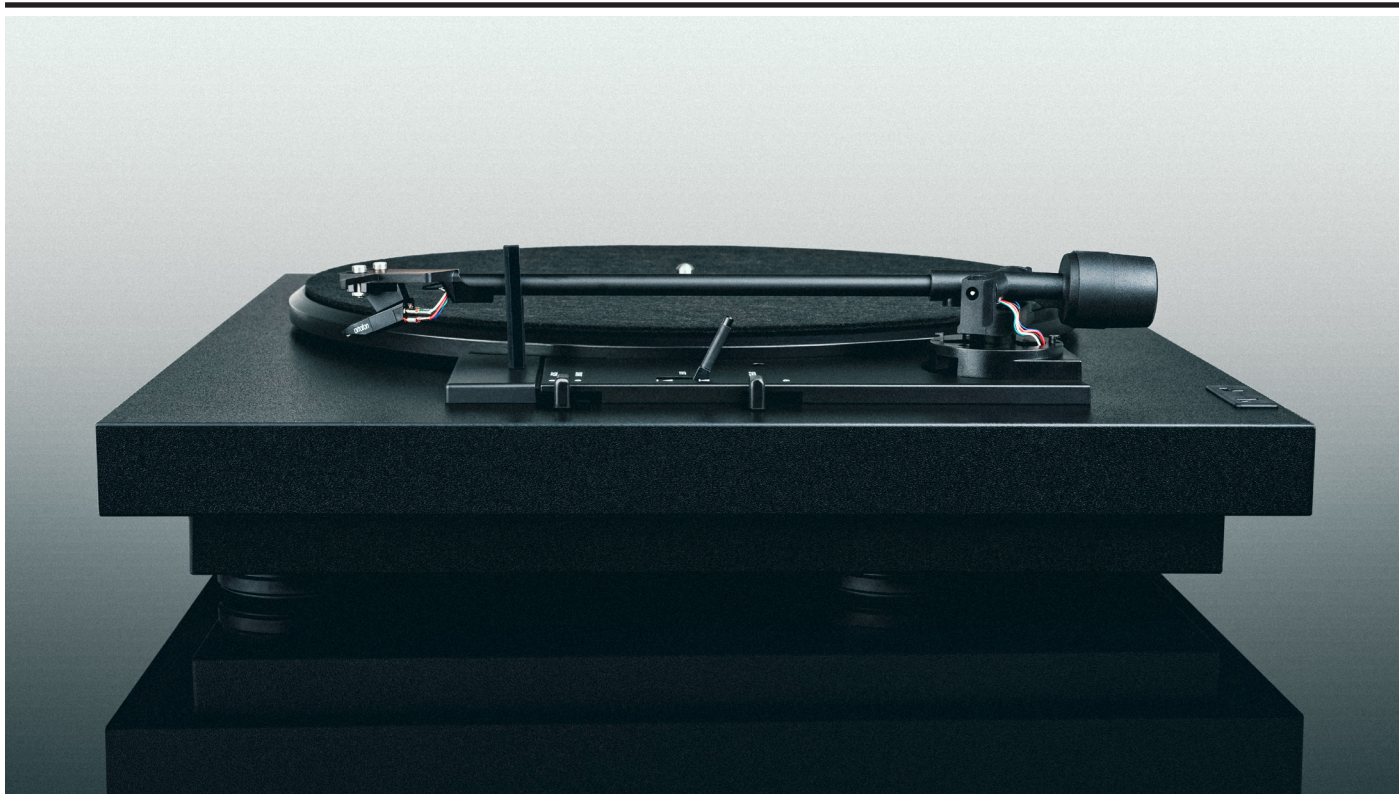
In typical Pro-Ject fashion, the motor is electronically controlled for the most accurate and stable playback speeds. Easily switch between 33 and 45 RPM with the push of a button.



## Switchable built-in phono preamp

The built-in phono preamp makes the A1 incredibly versatile and allows you to connect it directly to any input on your amplifier or to an active speaker-set. The phono preamp can also be switched off, which allows you to use your own phono preamp or your amplifier's phono input.





### Ultra-light-mass aluminium tonearm

The A1 features an 8.3" ultra-light-mass aluminium tonearm. Together with the Ortofon OM10, which fits this design principle perfectly, we get extraordinary fast response and detail in terms of transients and microdynamics. A little-known fact is that the OM series of cartridges have their developmental roots and legacy in ultra-light-mass tonearm designs.

Tracking force and anti-skating are factory pre-adjusted which make the A1 plug & play ready within a few seconds. This makes it perfect for vinyl beginners and experienced listeners alike as the sound quality is carried by all the audiophile features the A1 has on offer.

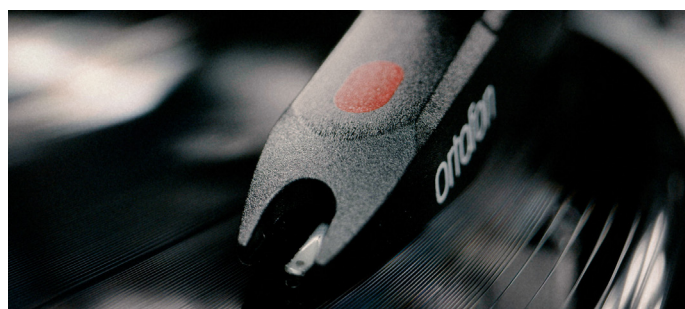
### Carbon fibre reinforced anti-magnetic headshell

The headshell is a completely new design especially for the A1. It 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.

### Heavy MDF chassis

The wooden chassis consists of the upper outer console made out of 8mm thick MDF panels. The automatics, platter bearing and tonearm are mounted on a solid and 2cm thick MDF base plate.

Hollow spaces are avoided wherever possible, with just enough space to precision fit all the inner workings of the A1. As a result, the chassis' heavy mass reduces unwanted resonances to a minimum and decouples the A1 from outside influences.





### Damped aluminium platter

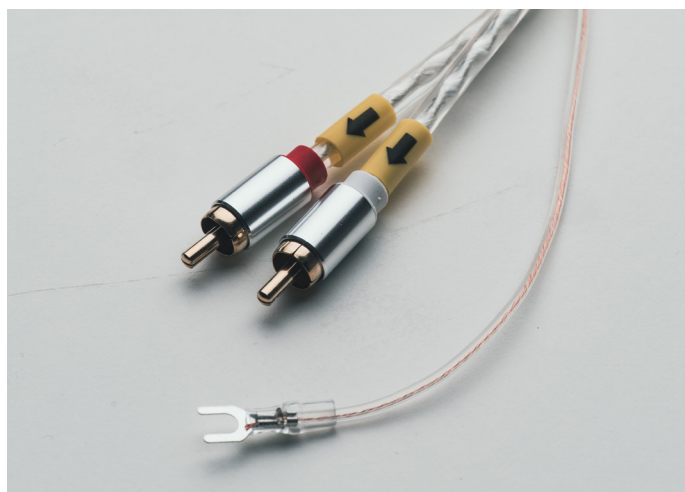
The aluminium platter is 100% made in Germany. In three operations it is first stamped, bent and perforated. After that, it goes directly to our next local German supplier for phosphating and de-oiling. A damping ring on the inside is added to increase weight and reduce resonances.

In an extra step, it is then turned and precision balanced to receive its fine edges and lowest wow and flutter deviations. Finally, it receives its smooth paint job, adding to the all-black stylish and clean looks of the A1.

### Semi-symmetrical phono cable with gold plated connectors

The A1 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.



### **New feet with silicon damping**

The new 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.



### **Handmade in Germany**

The A1 is fully handmade in Germany and looks back on decades of experience in turntable manufacturing. 100% assembled and adjusted by some of the best engineers the branch has to offer.

Even all the individual components of the A1 are 98-99% made and produced in Germany – in the factory and its immediate vicinity. The entire region is so rich in turntable tradition resulting in totally unique quality and products. We can build on this tradition and develop it further Fuse it with Pro-Ject technology and ideas. Set new standards in automatic turntable design.

The A1 is the beginning of a new Pro-Ject story.

