

Introducing the X1 B: Dedicated balanced outputs open new doors

X1 B

Balanced ready high-end turntable



Colour options:   

The newest members of our "True Balanced Connection" X-Line turntables feature a balanced connection for your phono setup. The X1 B has been revamped to feature the new dedicated mini-XLR output jack – "B" is for balanced.

The new X1 B comes fitted with the Pro-Ject S2 MM cartridge made by Ortofon.

The X1 B is available for MSRP 999€ (incl. VAT) with premounted Pro-Ject S2 MM cartridge at Pro-Ject dealers in July 2022.

[Download the product information sheet and high-resolution images here.](#)

For further information, see the following pages.

The first in line for Pro-Ject's true balanced turntables:

Times are a changin'

Since the beginnings of HiFi reproduction, our homes have changed. The increase in personal electronic devices and domestic networks mean a lot more potential sources for interference for record players. To ensure the best connection to your phono pre-amplifier we designed our „True Balanced Connection“ product range.

Why True Balanced?

The use of balanced audio connections are common among professionals in recording studios or for live concerts. It is very important to have a stable & interference free connection, as these signals, especially microphone signals, will be highly amplified. The same applies to the connection from your turntable to the phono-preamplifier. The big advantage of a balanced connection is its ability to remove picked up noise and interferences.

Balanced connections use three wires per channel: ground, a hot and a cold wire. The cold wire carries the inverted (reversed polarity) hot signal. At the receiving end the cold signal is flipped and added to the hot signal. The trick happens here: Any noise along the way is picked up by both wires. So, an interference-tick is identical on the hot and on the cold signal. If you now flip one of them, the interference is also inverted, the noise gets cancelled out. The output of the music signal on the other hand is doubled.

To take full advantage of our True balanced connection your turntable must be equipped with an MC cartridge.

X1 B – first in line

The X1 B is our first turntable in line with a dedicated fully balanced mini XLR output. This symmetrical connection allows the use of fully balanced phono-preamps for instance our new Phono Box S3 B or Phono Box DS3 B with the matching balanced cable and an MC cartridge.

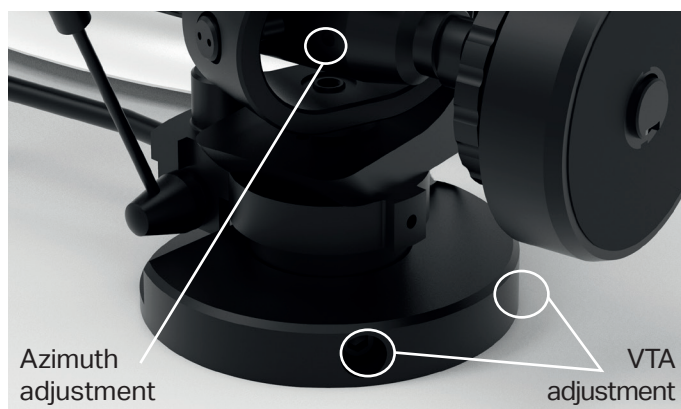


High end tonearm & cartridge

The X1 B uses a 8.6" carbon/aluminium tonearm. The carbon layer gives the tonearm a high degree of rigidity, while the inner aluminium tube takes over the damping of the tonearm. The ultra-low friction 4 pin point tonearm bearing guarantees a precise, stable and accurate tracking. The one-piece design avoids vibrations caused by detachable headshells.

The higher mass makes the tonearm an excellent fit for low and moderate compliance MC cartridges. The TPE damped counterweight reduces arm-cartridge resonances by as much as 50%.

The X1 B is designed to suit anyone who cares about how their vinyl sounds. The high-quality pre-adjusted Pro-Ject S2 MM cartridge tops it off.



The full aluminium tonearm base offers you real audiophile features like variable azimuth and the vertical tracking angle (VTA).

The tonearm height can be continuously adjusted by loosening the two grub screws. The variable tonearm height allows the use of different turntable mats or other cartridges to always achieve the best sound quality later.

Experimenting with the VTA- & Azimuth-setting is crucial in reaching the highest performance with your cartridges.

Mini XLR & RCA output

The X1 B comes with our high-quality Connect it E cable. It is a semi-balanced, low-capacitance cable, with superior shielding.

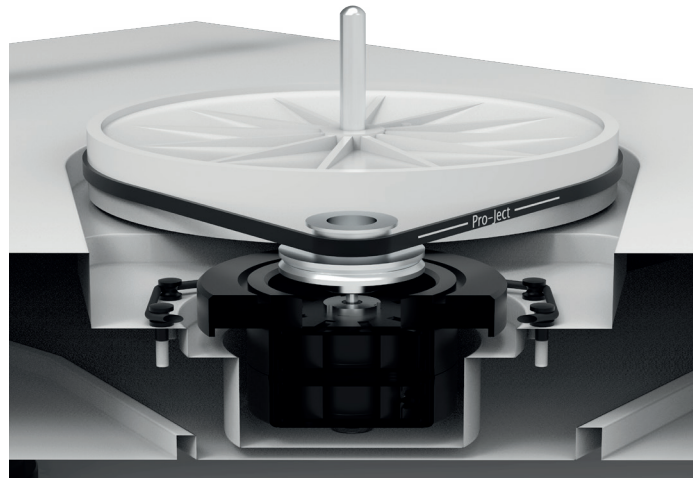
In order to take full advantage of the balanced signal transmission just pair the X1 B with the compatible balanced cable from our new balanced phono cable lineup and swap the MM for an MC cartridge. We offer a wide range of balanced phono cables with different connectors to fit all our phono preamps. You can find more details on our website or ask your Pro-Ject dealer for information.



Quiet and stable speed

The motor of the X1 B by itself, is already very quiet. To further enhance its performance, we designed a matching motor suspension. It allows the motor to run stable and isolates it from outside influences. Vibrations are damped and eliminated, and not transmitted onto the chassis, platter or cartridge.

The X1 B's motor chassis is carefully balanced and suspended on a precision tuned TPE belt; this way the motor chassis is effectively decoupled from the main plinth for optimal performance. It is free floating, horizontally completely level.



The playback speeds are electronically controlled with a sophisticated DC/AC generator, which guarantees the most accurate and stable rotation. Change between speeds easily with just a press of a button.

Using the flat belt you can switch between 33 and 45 RPM. If you mount the supplied round belt you are able to switch between 45 and 78 RPM. Switch-your cartridge to a shellac compatible one and enjoy your old tunes.

Heavy chassis – perfect stand

Structurally, the X1 B is supported by its large & heavy MDF chassis, reducing unwanted resonances to almost imperceptible levels. Due to the high mass, the X1 B allows the vinyl reproduction to become more detailed and precise. The new X1 B stands on height adjustable damped aluminium feet to guarantee the perfectly level stand.

The X1 B's MDF plinth is coated with 8 layers of paint and polished by hand to achieve a beautiful finish. It is available in four different surfaces; a premium walnut wood veneer, a luxurious black 8-layer high gloss paint, and black or white eight-layer hand-polished satin paint.

The new X1 B is completely handmade in Europe with only premium materials to meet our high quality demands.





The history of Pro-Ject

Pro-Ject was founded in 1991, during the onslaught of the compact disc and CD players, with the mission to offer the best analogue experience for a reasonable price. In a time where the digital audio media had been on the rise, and vinyl was declared as outdated and dead, Heinz Lichtenegger kept his belief in the simple but best way to enjoy music – turntables.

We aim to get as many people as possible into the wonderful hobby that is HiFi audio and to deliver a real stereo experience for the lowest cost possible. The best way to start is with a proper turntable. We want to give the customers back the right to choose what they need, without overblowing our products with unnecessary features.

Here at Pro-Ject, we strive to create astonishing products with impeccable value. We only use the best components for the price and manufacture our handmade goods solely in Europe. With an eye for future trends, we are always trying to fit the needs of the market.

Our passion and drive have been recognized by many acclaimed magazines. We have won multiple awards from the renowned HiFi press for our turntables and electronics over the years. Our products have also been used in countless TV shows and movies.

With cutting edge technologies and machines, we can create visually pleasing products without losing the eye for the finest details. We closely work with partners from the music industry, such as Universal Music Group (The Beatles), Third Man Records (Jack White), The Rolling Stones, Parov Stelar, or the world-famous Hard Rock Café. Many industry leaders also cooperate with us, like the Vienna Philharmonic Orchestra or Ortofon for their jubilees. With these partners, we create special limited edition products to give our customers even more choices.