

# BRINKMANN

Real High Fidelity.

## Brinkmann Balance Turntable + 10.5" Tonearm

BR 28 TT BAL 10

**NZ\$42,995.00** ea (incl. GST)



Brinkmann introduction:

Our heaviest turntable keeps on running and running and running... with legendary quietness. Since its introduction in 1984, the »Balance« combines timeless beauty, highest sound quality and perfect build quality. The basic design has remained the same (honestly, there isn't much to improve), but in the best Brinkmann tradition, the turntable has seen continuous evolution and sonic optimizations. Hence today, the turntable is state of the art in terms of aesthetics and technology – as it has always been – while sounding better than ever. Little wonder then that the »Balance« is used as the absolute reference turntable not only by Brinkmann, but quite a few renowned publications as well. Not surprisingly, the »Balance« has received quite a few awards over the years: the "Gold Medal" for turntables from the "Image Hifi Millennium Awards" or the "Blue Moon" award from [www.6moons.com](http://www.6moons.com)

The turntable platter is made from a massive block of a special aluminum that has low resonance because of a mixture of lead and copper. Supported by the 90mm strength of the plate and the firmly inserted crystal glass plate follows a total absence of resonance.

The chassis is milled from a 40mm strong dural-plate and is equipped with attachments for the bearing and the tonearm base.

We reduced the temperature dependence of the material with the help of an electronic temperature control to nearly nothing to guarantee a smooth turning of the table. A power mosfet, installed beneath the bearing, produces with the help of a control circuit power dissipation that is needed to create a stable temperature.

The motor with its switch unit is placed separately beside the turntable. A motor control constructed specially for this turntable drives the Papst motor electronically to the speeds 33 and 45, both speeds can be fine adjusted separately with two rotary switches. A precisely cut round belt transfers the drive from the motor to the plate.

### Brinkmann »Sinus« Motor

For over two decades we relied on the well-regarded German manufacturer Papst to supply capstan motors for our belt drive turntables. Technically and musically we had good results with this motor in combination with our proprietary analogue speed controller.

Helmut Brinkmann's extensive research and development on our direct drive motor for the »Oasis« and »Bardo« turntables gave him valuable insight into the control of magnetic fields and how to apply this knowledge to reduce cogging in a motor. It became apparent that the next logical step was to apply this knowledge in the design of a new motor for the belt drive turntables.

The new »Sinus« motor is better suited to driving a high mass platter (almost 46 lb) like the ones found in our »LaGrange« and »Balance« turntables, while the use of a 4-phase (4 times 90°) drive circuitry enables a very smooth rotation without cogging. The arrangement of the driving coils and the neodymium magnets in combination with the drive circuit achieves 16 "pulses" per revolution. Additionally a large rotating mass of 500 grams, achieved by using a nickel-plated steel motor body, works like a flywheel. This drives the platter of the turntable with a very even force and reduces vibration.

The smooth and quiet rotation of the motor allows longer instrument sustains which results in more detail, resolution and musicality. The frictionless flow of the motor movement is readily apparent in the effortless flow of the music.

The new motor generates more torque and is therefore able to reduce the start-up time to a few seconds, no problem for the new vacuum tube power supply »RöNt II«, which is also able to handle the direct drive motors as well.

## Features

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## Specifications

Height: 140 mm

Width: 550 mm

Depth: 400 mm

Weight (net): 22 kg

Colour: Black

Miscellaneous: Specifications:

Drive precision ground round belt

Platter weight 18 kg, Ø 316 mm, height 90 mm.

Platter surface planar polished crystal glass (recessed mounting)

Tonearm base available for 9...10.5" tonearms (arm mountings available for virtually any tonearm), easy and quick exchange and adjustments are provided via a collar system.

Included in delivery turntable, screw-down record clamp, solid state power supply, tools

Options tube power supply »RöNt«, additional arm bases (also for 12.1" tonearms)

## Award

6Moons: Blue Moon award

## Review

**Brinkmann website introduction** - *Brinkmann website introduction*

Brinkmann Audio has produced the BALANCE turntable since 1985 and has continuously worked to optimize it. Our aim was to combine timeless beauty, premium sound quality and perfection in workmanship. Our heaviest turntable keeps on running and running and running... with legendary quietness. Since its introduction in 1984, the »Balance« combines timeless beauty, highest sound quality and perfect build quality. The basic design has remained the same (honestly, there isn't much to improve), but in the best Brinkmann tradition, the turntable has seen continuous evolution und sonic optimizations. Hence today, the turntable is state of the art in terms of aesthetics and technology – as it has always been – while sounding better than ever. Little wonder then that the »Balance« is used as the absolute reference turntable not only by Brinkmann, but quite a few renowned publications aswell. Not surprisingly, the »Balance« has received quite a few awards over the years: the "Gold Medal" for turntables from the "Image Hifi Millenium Awards" or the "Blue Moon" award from [www.6moons.com](http://www.6moons.com).

## Link

<http://www.audioreference.co.nz/product/brinkmann-balance-turtable-105-tonearm>