





# TN-4D-SE Direct Drive Turntable, Walnut

250451

## SRP 599,00 €

The TN-4D-SE is a direct-drive, analog turntable with an elegant, low-profile design, made possible by the use of a newly-developed brushless DC servo motor. To extract the music from your vinyl, the TN-4D-SE comes with a highly-regarded Oyster MM cartridge from SUMIKO – a legendary American cartridge manufacturer. The S-shaped tonearm meanwhile allows for quick cartridge/headshell swaps, so users can alter the sound quality by experimenting with different cartridges, if the desire takes them.

Colour





PRODUCT DETAILS

**New motor, developed exclusively for direct-drive turntables**
The TN-4D-SE uses a sleek, brushless DC motor, offering crystal-locked speed accuracy, regulated by a computer-controlled feedback circuit and achieving low wow-and-flutter levels for a direct drive turntable, especially one with such a stylish, low-profile design.

**Knife-edge, pivot-point tonearm bearings**
In collaboration with SAEC Corporation, a world-famous, high-end tonearm manufacturer, the TN-4D's tonearm employs a knife-edge, pivot-point bearing. Unlike the case for tonearms with conventional bearings, any fine vertical movements encountered by this tonearm actually help in delivering a more dynamic sound with excellent resolution. The S-shaped tonearm also employs a universal headshell fitting, allowing users to quickly and easily swap cartridges/headshells, and supports a wide range of cartridge weights (from 14 - 23g).

**Precision anti-skating and stylus-pressure adjustment**
As you might expect, the tonearm is equipped with a counterweight, for precise stylus-pressure adjustment, and an anti-skating mechanism.

**Pre-installed Oyster cartridge by SUMIKO**
The TN-4D-SE comes with a well-regarded Oyster MM cartridge from SUMIKO – a legendary Japanese cartridge manufacturer. Regardless of the type of music, the Oyster cartridge delivers a powerful but insightful performance.

**Built-in PHONO EQ amplifier supporting MM cartridges**
The TN-4D-SE comes with a built-in PHONO EQ amplifier that allows you to directly connect the turntable to the line-level inputs of your existing hi-fi system. The NJM8080 IC from New Japan Radio Corporation is employed for op-amp duties, bringing up the level of the tiny signals received via the

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cartridge up to LINE level strength without any loss of quality.

**Die-cast aluminium platter**
In conjunction with the newly-developed motor, the high inertia, die-cast aluminium platter helps to achieve better speed stability.

**Insulating feet with excellent shock absorption**
The insulating feet comprise a machined aluminium shell topped with a rubber cushion that is fixed to the high-density MDF plinth. Thanks to their excellent shock absorption characteristics the TN-4D-SE is very resistant to acoustic feedback.

**2-speed turntable for 33- and 45 rpm**
The TN-4D-SE supports 33- and 45 rpm for LP and EP records. Our insistence on quality engineering can even be seen in the construction of the rotary control for start-up/speed selection, formed of machined aluminium.

**Features at a glance**

- Direct-drive analog turntable
- Crystal-locked speed stability, thanks to a new brushless DC motor with feedback control
- Die-cast aluminium platter
- Knife-edge, pivot-point tonearm base, designed by high-end tonearm manufacturer SAEC
- Multi-layer piano black or natural walnut veneer finish
- Built-in PHONO EQ amplifier for high-quality sound (PHONO/LINE switchable)
- Audiophile-grade NJM8080 op-amp used in PHONO EQ stage
- 2-speed drive offering 33- and 45 rpm
- Gold-plated oxidation-resistant output connectors
- Oyster MM cartridge by SUMIKO
- Shock-absorbing insulating feet
- GND terminal
- RoHS compliant

**Included Accessories**

- Felt Mat
- EP Adapter
- Counter Weight
- Head-shell (SUMIKO Oyster installed)
- Platter
- Dust Cover
- Hinges × 2
- RCA Audio cable with GND terminal
- AC Adapter (GPE036W-24015)
- Owner's Manual (including Warranty Card)

For more specifications, see the datasheet in the downloads tab.

## Specs

### Product Attributes

| | |
|---|---|
| EAN: | 4907034224142 |
| Manufacturer number: | TN-4D-SE/WA |
| Product weight: | 8.3 kilograms |

**Turntable Features**

| | |
|---|---|
| Type: | Manual |
| Drive method: | Direct-drive |
| Speed: | 33 rpm |

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| | |
|---|---|
| | 45 rpm |
| Wow & flutter: | 0.1% |
| Built-in preamp: | true |
| S/N ratio: | 67 |
| Cartridge: | SUMIKO Oyster |
| Cartridge type: | MM |
| Cartridge output: | 4.0mV (1kHz) |
| Tracking force: | 2.3 |
| Cartridge weight: | 5.3 |
| Including headshell: | 15.3 |
| Rec. cartridge weight: | 4-13 |
| Rec. cartridge weight (incl. headshell): | 14-23 |
| Outputs: | RCA |
| Output level & impedance: | Phono: 4.0mV (1kHz)<br>Line: 224mV (–13dBV) |
| Anti-skating: | Yes |
| Platter: | Aluminium Die-cast, 30cm |
| Effective arm length: | 223mm |

**Energy Management**

| | |
|---|---|
| Power consumption (standby): | 0.5 |
| Power consumption: | 2 |

**Dimensions and Weight**

| | |
|---|---|
| Product height: | 11.7 |
| Product width: | 42 |
| Product length: | 35.6 |
| Product weight: | 6.1 |
| Packsize height: | 24 |
| Packsize width: | 52.5 |
| Packsize length: | 43.8 |

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