



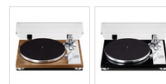
## TN-4D-SE Direct Drive Turntable, Walnut

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

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       |

|                                          |                                             |
|------------------------------------------|---------------------------------------------|
|                                          | 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 |