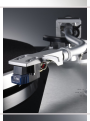

TN-4D-O Direct Drive Turntable, Black

244641

SRP 659,00 €

The TN-4D 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 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 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 comes with a well-regarded Oyster MM cartridge from SUMIKO – a legendary American 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 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

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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.

USB digital output
A USB port on the back panel delivers CD-quality digital audio to your PC/Mac, allowing you to record/archive your vinyl in a high quality, digital audio format. Once you have archived your vinyl to digital, it’s a simple matter to listen to them while out and about, via a smartphone/portable audio player, or in your car (by burning them onto a CD-R or transferring them to a memory card/stick).
And to ensure pristine signal transfer, gold-plated PHONO/LINE output terminals are employed to prevent analog audio signals from losing quality as a result of oxidation.

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 is very resistant to acoustic feedback.

2-speed turntable for 33- and 45 rpm
The TN-4D 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
- Digital recording on PC/Mac via USB digital audio output
- 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:	4907034222643
Manufacturer number:	TN-4D-O/B

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Product weight:	8.3 kilograms
Pieces per master carton:	1 Piece

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 USB-B
Output level & impedance:	RCA: 224mV (–13dBV)

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

Energy Management

Power consumption (standby):	0.5
Power consumption:	2

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