# TN-400BT Bluetooth Turntable, Walnut

156579

## SRP 529,00 €

The TN 400BT is an analog turntable that also allows users to listen to LP records wirelessly via Bluetooth® headphones & speakers. A die cast aluminum platter provides accurate rotational speed (3 settings) while an S shaped static balanced aluminum tone arm provides accurate tracking.

PRODUCT DETAILS

**Overview**
The TN 400BT is an analog turntable that also allows users to listen to LP r ecords wirelessly via Bluetooth® headphones & speakers. A die cast aluminum platter provides accurate rotational speed while an S-shaped static balanced aluminum tone arm provides accurate tracking. The built in Phono EQ amplifier enables the TN-400BT to be connected to a conventional hi-fi amplifier or a micro hi-fi system, while a universal type headshell allows users to change cartridges with ease.

A built in Bluetooth® transmitter also lets users listen to LP records wirelessly with high quality audio (thanks to the the aptX® and AAC codecs). A USB output enables users to digitally archive their records on a PC at 16 bit/48kHz resolution (equivalent to CD quality). For convenience, a quality Japanese-made moving magnet type cartridge comes pre installed, so users can quickly start enjoying their record s w ithout a lengthy set up procedure.

**Aluminum die-cast platter with 3 speed belt drive**
A die cast, high inertia aluminum platter is driven by a high torque DC motor via a durable rubber flat-belt, giving immensely stable playback at 33 1/3, 45 and 78 rpm speeds.

**New low resistance spindle**
A precisely machined stainless steel spindle and durable brass bearing maintain accurate rotational speed, thanks to reduced friction

**Built in Phono EQ amplifier**
The TN-400BT has an onboard Phono EQ amplifier that supports MM type cartridges , allowing the deck to be connected to conventional amplifiers or micro systems that lack a dedicated turntable input. The Phono EQ amplifier employs a hi-fi quality NJM8080 op-amp chip (designed by JRC) which amplifies the tiny audio signal from the stylus with minimal distortion.

**New subsonic filter for improved sound**
By filtering out the frequencies below 18Hz, the TN-400BT prevents excess LF signal levels being sent to

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amplifiers, presenting an easier electrical load to any connected speakers. This filter is particularly effective when playing back warped vinyl records which would otherwise induce undesirable woofer movement (the subsonic filter is off when Phono EQ is THRU).

**USB digital audio output**
The TN-400BT also incorporates an A/D Converter that delivers a 16 bit/48kHz resolution digital audio signal via a rear mounted USB port. This allows records to be digitally archived on a PC. Once converted, users can then easily transfer the recordings onto devices such as smartphones and car CD players.

**S-shaped s tatic balanced tone arm**
The S-shaped, static-balanced aluminum tone-arm is equipped with a counterweight and anti-skating mechanism that allow an exact setting of balance as well as tracking pressure, ensuring accurate tracking during playback. A tone-arm lifter is also fitted for smooth lowering of the tone-arm onto records.

The tone-arm takes universal type headshells so users can change cartridges with relative ease. In order to reduce signal losses between the tone arm and the headshell, gold plated contact points are employed to help deliver an uncorrupted audio signal.

**Bluetooth® wireless audio streaming with aptX® codec**
The TN-400BT's Bluetooth® wireless transmission system supports the higher quality aptX® and AAC codecs, as well as the conventional SBC codec. This means that even if users don't have a hi-fi system, then can still enjoy truly high quality vinyl replay via Bluetooth® equipped headphones or speakers.

Connecting the TN-400BT to Bluetooth® headphones or speakers is easily achieved at the touch of a button. A single function-pairing key and an associated LED indicator provide simple and clear confirmation of the connection status.

**Beautifully detailed**
The TN-400BT brings elegance to the process of playing a record. The machined aluminum operation knobs ooze quality while the aluminum feet, attached to high-density MDF chassis via shock absorbing rubber, provide a high resistance to feedback.

**MM-type Cartridge from audio-technica**
The deck comes with an excellent, all purpose MM cartridge, employing a lightweight aluminum cantilever, that helps deliver an a ccurate, highly musical standard of playback.

**Features at a glance**

- Robust high-density MDF plinth provides both vibration isolation and elegance
- 3-speed belt drive mechanism with aluminum die-cast platter (33 1/3, 45, 78 rpm)
- Newly-developed low-resistance spindle for stable rotation al speed
- Static balanced S-shaped tone-arm with universal-type headshell
- Pre-installed MM-type AT95E cartridge from audio technica
- Built-in Phono EQ Amplifier with subsonic filter (off when THRU)
- Built-in TI A/D Converter allows 16 bit/48kHz USB digital output for PC recording
- High-quality Bluetooth® aptX® wireless audio transmission
- Floating construction using decoupled feet provides high feedback resistance
- Machined aluminum operation knobs and feet
- Gold-plated RCA jacks (for LINE/PHONO output) and tone-arm contacts
- GND terminal on rear panel
- RCA audio cable with GND wiring included

**Included accessories**

- Felt Mat
- EP Adapter
- Counter Weight
- Headshell (audio technica AT95E installed)
- Platter
- Dust Cover
- Dust Cover Hinges x 2
- RCA Audio Cable with GND wiring

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- AC Adapter (GPE053A-V120050-Z)
- Owner’s Manual (including Warranty Card)

## Specs

### Product Attributes

| | |
|---|---|
| EAN: | 4907034221349 |
| Manufacturer number: | TN-400BT-WA |
| Product weight: | 4.786 kilograms |
| Pieces per master carton: | 1 Piece |

#### Turntable Features

| | |
|---|---|
| Type: | Manual |
| Drive method: | Belt-drive |
| Speed: | 33 rpm<br>45 rpm<br>78 rpm |
| Wow & flutter: | 0.2% |
| Built-in preamp: | true |
| S/N ratio: | 67 |
| Cartridge: | AT-95E |
| Cartridge type: | MM |
| Cartridge output: | 3.5mV (1kHz, 5cm/sec.) |
| Tracking force: | 2 |
| Cartridge weight: | 5.7 |
| Including headshell: | 15.7 |
| Rec. cartridge weight: | 4-8 |
| Rec. cartridge weight (incl. headshell): | 14-18 |
| Outputs: | RCA<br>Bluetooth<br>USB-B |
| Output level & impedance: | RCA: 155mV(-16dBV) |

#### Energy Management

| | |
|---|---|
| Power consumption (standby): | 0.5 |
| Power consumption: | 1.5 |

#### Dimensions and Weight

| | |
|---|---|
| Product height: | 11.7 |
| Product width: | 42 |
| Product length: | 35.6 |
| Product weight: | 4.9 |
| Packsize height: | 22.1 |

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| | |
|---|---|
| Packsize width: | 54.8 |
| Packsize length: | 43.1 |

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