

Supplementary Product Information

TN-300



**Hold your breath. Drop the needle.
Enjoy analog as it's meant to be heard.**

A luxurious and simple designed turntable with built-in phono equalizer and USB output

■ Main Features

- Manual Belt-drive Turntable supporting 33/45rpm
- Heavy MDF cabinet with Multi-layered coating with glossy coating
- USB output for transferring music from vinyl records to your Mac or PC.
- Built-in Phono Equalizer (LINE/PHONO switchable)
- Static balanced straight type tone arm
- audio-technica's renowned high-performance MM(VM) type phonograph cartridge attached
- Gold plated terminals for oxidation resistance

Brand	TEAC				
Series	ANALOG TURNTABLE				
Model No.	TN-300-B	TN-300-R	TN-300-CH	TN-300-W	TN-300-NA
Color	Black	Red	Cherry	White	Natural Wood
UPC Code	043774031207	043774031214	043774031221	043774031306	43774031238
EAN Code	4907034219070	4907034219087	4907034219094	4907034219216	4907034219100
Launching Date	October, 2014				February, 2015
Main Unit Dim/NW W x H x D	420(W) x 119(H) x 341(D)/4.8kg(mm/kg)				
Package Dim/NW	548(W) x 221(H) x 431(D)/7.5 (mm/kg)				
Master Carton	1				
Image					

■ Main Features

The TN-300 is a belt-drive analog record player with a stylish and luxurious chassis containing an MM Phono equalizer amplifier with USB output. The TN-300 supports Phono and Line output, which allows you to play vinyl with a stereo that isn't equipped with Phono input, and Phono equalizer amplifier of your hands. You can transfer music from vinyl records to your Mac or PC, using the USB digital output. CD quality digital archiving with the USB output preserves your vinyl collection and also allows you to enjoy vinyl records with a smartphone or Digital Audio Player. Using Audio-Technica's AT95E VM cartridge, the TN-300 lets you enjoy high accuracy tracking sounds as soon as you set up. An aluminum die-cast, High inertia platter has also been attached. The TN-300 is the perfect turntable for any music lover, from first time users to audiophiles, who appreciates high quality sounds and sturdy yet stylist design.

● Authentic belt-drive turntable

The high inertia Aluminum die-cast platter is driven by a high torque DC motor with durable Neoprene® rubber which achieves a stable rotation. The high accuracy of the spindle is maintained by the polished Stainless steel Spindle and the highly durable bronze spindle holder.

● Luxury and authentic external design

The heavy MDF cabinet which can minimize the unfavorable resonance, with its multi-layered coating and glossy finish give a sophisticated polish to a durable exterior.

● MM type cartridge phono equalizer amplifier

Enjoy vinyl playback with any amplifier. The TN-300 supports both phono and line output that allows you to play vinyl with or without phono equalizer

● Built-in USB digital Output

The TI-made A/D converter allows you to transfer music via USB to your PC and digitize your vinyl collection. You can protect your vinyl records from damage caused by playback, whilst enjoying the quality of vinyl via your digital audio player.

● Static balanced straight type tone arm

A straight tone arm has been used for high tracking accuracy. The anti-skating mechanism ensures accurate tracking of phonograph records.

● 2-speed Turntable including 33-1/3 and 45 RPM for LP/EP record playback

The TN-300 can play both LP and EP records. The Manual arm lifter ensures seamless analog playback



- **Corrosion resistant gold plated terminals**

The Gold-plated terminals prevent oxidation of the RCA terminals and head shell connectors. When replaced frequently the head shell also prevents oxidation of the terminal.

- **Audio-Technica MM (VM) type phonograph cartridge AT95E**

The TN-300 comes with an Audio-Technica VM type cartridge with a reputation for highly accurate reading. As soon as you set up the TN-300, you can enjoy the high quality sound with outstanding clarity and detail.

Cartridge Spec

Frequency Response: 20 - 20,000 Hz

Channel Separation: 20 dB at 1 kHz

Channel Balance: 2.0dB

Tracking Force: 1.5-2.5g

Vertical Tracking Angle: 20°

Recommended Load Impedance: 47k ohms

Output Voltage: 3.5 mV (mV at 1 kHz, 5 cm/sec)

Stylus Shape: Elliptical

Stylus Construction: Bonded Round Shank

Mount: Half-inch

Weight: 5.7g

Replacement Stylus: ATN95E

Features at a glance

- Authentic belt-drive turntable
- Cabinet with multi-coated veneer and beautiful wood grain
- Manual arm lifter for analog playback
- Static balance straight type tone arm
- Anti-skating system prevents tracking errors
- USB digital output for transferring music from vinyl to Mac or PC
- Built-in phono equalizer amplifier for MM type cartridge (Line/Phono output switchable)
- 2 speed Turntable including 33-1/3 and 45 RPM for LP/EP record playback
- Audio-Technica made MM (VM) type cartridge (AT95E) included
- Corrosion resistant gold plated terminals

Specs

[Turntable]

Drive system	Belt drive
Motor	DC motor
Rotation	33 1/3rpm, 45rpm
Rotation speed variation	±2%
Wow and flutter	0.2%
SN ratio	67dB or higher (A-weighted, 20 kHz)
Turntable	Aluminum die-cast 30cm (12") diameter

[Tone arm]

Arm type	Static-balanced straight-pipe tone arm
Effective arm length	223mm
Stylus pressure variation range	0-5g
Acceptable cartridge weight	3.5g-6.5g

[Cartridge]

Type	MM(VM)
Output pressure	2.5mV±3dB
Stylus pressure	2.0±0.5g
Cartridge weight	5.7±0.5g
Included headshell weight	10g (Including screws, nuts and wires)

[Output voltage]

PHONO EQ THRU	2.5mV±3dB
PHONO EQ ON	155mV (16dBV)
Output jacks	RCA

[USB port]

USB port that can receive power from computer USB buses (Full .Speed) USB connector type B
USB bus power support 5V, 500mA

[General]

AC adapter power
Input AC 100V-AC 240V, 50-60Hz
Output 12V, 500mA

Power consumption
Standby 0.5W or less
On (START) 1.5W or less

Weight 4.9 Kg (10 7/8 lbs)

Operating temperature 5 °C to 35 °C

Dimensions (W x H x D) (including protrusions)
420 x 356 x 117 mm (16 5/8" x 14 1/8" x 4 5/8")

[Included accessories]

Rubber mat x 1
45RPM adapter x1
Counter weight x1
Headshell x1
(AT95E MM cartridge (made by Audio-Technica) preinstalled)
Turntable x1
Rubber feet for turntable cover x2
Hinges x 2
Audio cable x1
AC adaptor (GPE053A-120050-Z) x 1
Owner's manual x 1
Warranty card x 1