

Last Updated on: 2018/05/07

TEAC

Supplementary New Product Information (SNPI)

Bluetooth Turntable

TN-280BT

2-speed Analog Turntable with Phono EQ and Bluetooth



A wireless turntable for new way of enjoying vinyl records

■ Main Features

- 2-speed Belt-drive turntable
- Built-in Bluetooth transmitter
- Built-in MM phono equalizer and Phono, Line, and Bluetooth outputs
- High-performance MM cartridge included (Made in Japan)
- Aluminum die-cast platter
- Anti-skating mechanism
- High-density MDF cabinet for better vibration and resonance



Brand	TEAC	
Model Name	TN-280BT-B	TN-280BT-WA
Color	Black	Walnut
UPC Code	043774 033652	043774 033584
EAN Code	4907034 222230	4907034 222162
Main Unit Dim / NW	16.5" x 4.6" x 14.0" / 420 x 117 x 356mm (W x H x D), 10.8 lbs. / 4.9kg	
Package Dim / NW	21.6" x 8.7" x 20.0" / 548 x 221 x 431mm (W x H x D) / 16.6 lbs. / 7.5kg	
Qty. per Master Carton	1	

Supplementary New Product Information (SNPI)

■ Overview

The TN-280BT is not only a great-sounding turntable for music enthusiasts who want to enjoy vinyl records from closet or re-issues. It brings you a totally new way of listening to vinyl records with its Bluetooth capability. No extra cost for hi-fi components or complicated wiring is required. Only Bluetooth speakers or headphones you might have for iPhones are required to enjoy the world of vinyl records.

The TN-280BT also accommodates a built-in Phono EQ amplifier that provides Line output, and allows you to connect to almost any sound system regardless type of inputs.

The belt-drive motor on the TN-280BT reduces vibration for sweeter, more accurate sound than direct-drive turntables for DJ, while an aluminum die-cast platter and anti-skating system provide a solid foundation for great-sounding playback. The high-performance, upgradable MM cartridge captures every detail on your record, and the static-balanced straight tone-arm ensures clear sound. It's all housed in a handsome case in black or walnut veneer.

For music enthusiasts who want to hear every sensuous note of their vinyl collection.

● Built-in Bluetooth transmitter

The TN-280BT delivers the sound wirelessly via built-in Bluetooth transmitter, in addition to conventional RCA output in analog Line or Phono format. The pairing button is located at the right-front side of the cabinet, and pairing indicator tells you the speakers/headphone is successfully connected.



● Authentic 2-speed belt-drive turntable

The high inertia Aluminum die-cast platter is driven by a high torque DC motor for stable rotation for both 33-1/3 and 45 rpm. A soft felt mat further reduces vibration effectively. The high accuracy of the spindle is maintained by a polished Stainless steel Spindle and highly durable bronze spindle holder.



● High-density MDF cabinet with beautiful finish

Unlike other with plastic chassis, the heavy MDF cabinet minimizes vibrations and resonance for clearer sound when you playback your vinyl collection.



● Built-in MM-type cartridge Phono EQ amplifier



Supplementary New Product Information (SNPI)

Enjoy vinyl playback with any amplifier. The TN-280BT supports both Phono and Line outputs that allow you to enjoy vinyl records with or without phono equalizer.

- **Static-balanced straight tone-arm**

A straight tone-arm is employed for high tracking accuracy. The anti-skating mechanism also ensures accurate tracking of vinyl records. A Japan made MM-type cartridge is installed at the factory.



- **Anti-skating mechanism**

Same as upper models, the TN-280BT's anti-skating mechanism ensures accurate tracking.



■ Features at-a-glance

- Belt-drive turntable
- Built-in Bluetooth transmitter
- Built-in MM phono equalizer
- Phono, Line, and Bluetooth outputs
- High-performance MM cartridge included (Made in Japan)
- Aluminum die-cast platter
- Anti-skating mechanism
- 2-speed (33-45RPM)
- High-density MDF cabinet for better vibration and resonance

Supplementary New Product Information (SNPI)

■ Specifications

TURNTABLE section

Type	Belt Drive
Motor	DC Motor
Rotation Speeds	33-1/3, 45 rpm
Deviation of Speed	+/-2%
Wow-and-Flutters	0.2%
Signal-to-Noise Ratio	more than 67 dB (A-weighted) 60 dB (unweighted, 20kHz, LPF)
Turntable (Platter)	
Material	Aluminum Die-cast
Diameter	30 cm

Tone-arm section

Type	Straight, Static-balanced
Effective Length	223 mm
Stylus Pressure Range	0 to 5 g
Compatible Cartridge	3.5 to 6.5 g
Anti-skating Adjustment	Supported

Head-shell and Cartridge sections

Type	MM-type
Stylus Shape	Elliptical
Mount	Half inch
Frequency Response	20Hz to 20kHz
Channel Separation	20dB at 1kHz
Channel Balance	2.0dB
Tracking Force	1.5 to 2.5g
Vertical Tracking Angle	20 degrees
Output Impedance	47k ohms
Output Voltage	4.5 mV (+/-3dB)
Stylus Pressure	2.0 g (+/-0.5 g)
Cartridge Weight	5.7 g (+/- 0.5 g)
Head-shell Weight	10 g (including nuts, screws, and wires)

Analog Output section

Connectors	RCA Pin Jack x 1 pair (Chrome-plated)
Output Voltage	
PHONO	4.5 mV (+/-3dB)
LINE	120 mV (-13dBV)

Bluetooth section

Range	Approx. 10m
Supported Codec	SBC

Supplementary New Product Information (SNPI)

General

Operation Power	AC Adapter
Input	AC 100-240V, 50/60Hz
Output	DC 12V 500mA
Power Consumption	1.5 Watts or less
Standby Power	0.5 Watts or less
Dimensions (W x H x D)	420 x 117 x 356 mm / 16.5" x 4.6" x 14.0"
Weight (Net)	4.9 kg / 10.8 lbs.
Operating Temperature	+5° C to +35° C

Included Accessories

Felt Mat x 1
EP Adapter x 1
Counter Weight x 1
Head-shell x 1 (MM-type cartridge installed)
Turntable (Platter) x 1
Dust Cover x 1
Dust Cover Hinges x 2
RCA Audio Cable x 1
AC Adapter (GPE053A-V120050-Z) x 1
Owner's Manual (including Warranty Card)

■ Rear Panel

