

Supplementary New Product Information (SNPI)

Analog Turntable

TN-350

Analog Turntable with Phono EQ



Luxurious turntable inherits modern technology and contemporary design.

■ **Main Features**

- Manual Belt-drive Turntable supporting 33/45rpm
- Heavy MDF cabinet with oil-finished Walnut veneer or Matte Black
- USB output for transferring music from vinyl records to your Mac or PC.
- Built-in Phono Equalizer Amplifier (LINE/PHONO switchable)
- Static-balanced S-shape tone arm
- audio-technica AT95E high-performance MM(VM) type cartridge pre-installed
- Gold-plated terminals for oxidation resistance



Brand	TEAC	
Model No.	TN-350-MB	TN-350-WA
Color	Matte Black	Walnut
UPC Code	043774033287	043774033270
EAN Code	4907034221752	4907034221745
Launching Date	TBA	
Delivery Date	August, 2017	
Main Unit Dim / NW	16.5" x 4.7" x 13.4" / 420 x 119 x 341mm (W x H x D), 10.6 lbs. / 4.8kg	
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	
Master Carton	1	

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■ Overview

The TN-350 is an upper-class turntable with matured audio technologies and contemporary design – finished in oil-finished Walnut veneer or matte black. A built-in Phono equalizer amplifier processes finer analog sound, while Analog-to-Digital processor from Texas Instruments delivers CD-quality digital sound via USB port that provides an easy path to digitize all your vinyl library into digital archive that lasts forever.

A beautifully polished aluminum die-cast platter also provides an elegant moment as it starts to turn, and an S-shaped tone arm proofs high-class turntable. A Japan-made MM-type cartridge, AT95N from audio-technica comes with the unit.

● 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-350 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-350 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 AT95E VM-type (MM-type) phonograph cartridge

The TN-350 comes with an audio-technica VM type cartridge with a reputation for highly accurate reading. As soon as you set up the TN-350, you can enjoy the high quality sound with outstanding clarity and detail.

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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	audio-technica ATN95E

■ Features at a glance

- Authentic belt-drive turntable
- Cabinet with oil-finished Walnut veneer or Matte Black
- Manual arm lifter for analog playback
- Static-balanced S-shaped 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 AT95E high-performance MM(VM) type cartridge pre-installed
- 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 12" / 30cm diameter

Tone arm

Arm type	Static-balanced, S-shaped—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 head shell weight	10g (Including screws, nuts and wires)

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Analog Output

Connector	RCA x 1 pair
Output Level	
Phono	2.5mV±3dB
Line	155mV (-16dBV)

Digital Output

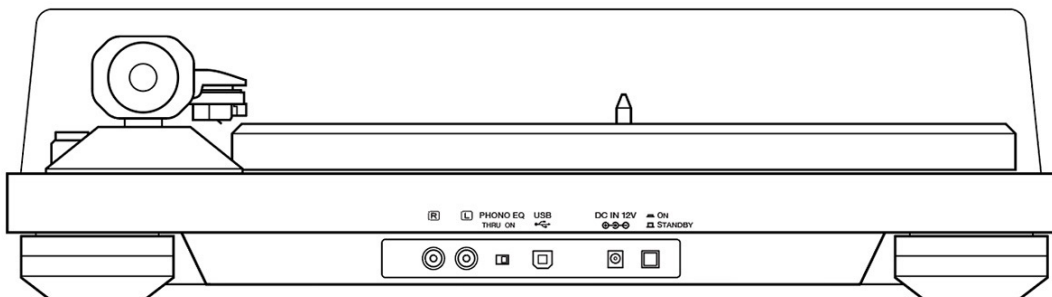
Connector	USB B-type x 1 (required 5V, 500mA USB Bus power from PC)
Audio Format	PCM 48kHz/16-bit

General

AC adapter power	
Input	AC 100V-AC 240V, 50-60Hz
Output	12V, 500mA
Power consumption	1.5W or less (0.5W or less at Standby)
Operating temperature	5°C to 35°C
Dimensions (W x H x D)	16-5/8" x 14-1/8" x 4-5/8" / 420 x 356 x 117 mm (including protrusions)
Weight	10-7/8 lbs. / 4.9 Kg (approx.)

Included accessories

Felt mat x 1
 45RPM adapter x1
 Counter weight x1
 Head shell x1
 audio-technica AT95E MM cartridge preinstalled (Made in Japan)
 Platter x1
 Turntable cover x1
 Rubber feet for turntable cover x2
 Hinges x 2
 Audio cable x1
 USB cable x 1
 AC adaptor x 1
 Owner's manual x 1 (incl. Warranty card)



■ Rear Panel

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■ Comparison Chart

	TN-350	TN-300	TN-300SE	TN-200	TN-100
Speed	33-1/3, 45	33-1/3, 45	33-1/3, 45	33-1/3, 45	33-1/3, 45, 78
Drive	Belt-drive	Belt-drive	Belt-drive	Belt-drive	Belt-drive
Platter	Aluminum	Aluminum	Aluminum	Aluminum	Plastic
Tone Arm	S-shape	Straight	Straight	Straight	Straight
Head Shell	Aluminum (replaceable)	Aluminum (replaceable)	Aluminum (replaceable)	Aluminum (replaceable)	Plastic (fixed)
Cartridge	audio-technica AT95E (made in Japan)	audio-technica AT95E (made in Japan)	audio-technica AT95E (made in Japan)	Chuden for TEAC (made in Japan)	Chuden for TEAC (made in Japan)
Turntable Mat	Felt	Rubber	Rubber	Rubber	Rubber
Analog Output	Phono/Line	Phono/Line	Phono/Line	Phono/Line	Phono/Line
USB Output	PCM 48kHz/16-bit	PCM 48kHz/16-bit	PCM 48kHz/16-bit	PCM 48kHz/16-bit	PCM 48kHz/16-bit
Color	Matte Black Walnut veneer	Piano Black Gloss Cherry Gloss Red Gloss White Natural Wood	Matte Black Walnut veneer	Black vinyl	Black vinyl Cherry vinyl