Supplementary New Product Information (SNPI)

Bluetooth Turntable

TN-280BT

2-speed Analog Turntable with Phono EQ and Bluetooth

A wireless turntable for a 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

<table>
<thead>
<tr>
<th>Brand</th>
<th>TEAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Name</td>
<td>TN-280BT-B</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>UPC Code</td>
<td>043774 033652</td>
</tr>
<tr>
<td>EAN Code</td>
<td>4907034 222230</td>
</tr>
<tr>
<td>Main Unit Dim / NW</td>
<td>16.5” x 4.6” x 14.0” / 420 x 117 x 356mm (W x H x D), 10.8 lbs. / 4.9kg</td>
</tr>
<tr>
<td>Package Dim / NW</td>
<td>21.6” x 8.7” x 20.0” / 548 x 221 x 431mm (W x H x D) / 16.6 lbs. / 7.5kg</td>
</tr>
<tr>
<td>Qty. per Master Carton</td>
<td>1</td>
</tr>
</tbody>
</table>
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Overview

The TN-280BT is not only a great-sounding turntable for music enthusiasts who want to enjoy vinyl record 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
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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
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■ 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
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General

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

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