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Teac TN-280BT Stereo Turntable with Bluetooth Instruction Manual

Model: TN-280BT | Brand: Teac

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Teac TN-280BT Stereo Turntable. Please read these instructions thoroughly before using the product to ensure optimal performance and longevity. The Teac TN-280BT is a 2-speed analog turntable featuring a built-in Phono EQ and Bluetooth connectivity, allowing for versatile audio playback options.

2. UNBOXING AND SETUP

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly. Place the turntable on a stable, level surface away from direct sunlight, heat sources, or excessive vibration.

2.1 Component Overview



Figure 1: Teac TN-280BT Turntable with dust cover. This image shows the overall design of the turntable, including the platter, tonearm, and transparent dust cover.

2.2 Platter and Belt Installation

1. Place the platter onto the spindle.
2. Locate the drive belt. Carefully stretch the drive belt around the motor pulley and the inner rim of the platter.
3. Rotate the platter a few times manually to ensure the belt is correctly seated and moves smoothly.

2.3 Tonearm and Counterweight Assembly

1. Remove any protective twist ties or clamps securing the tonearm.
2. Attach the counterweight to the rear of the tonearm. Adjust it according to the instructions in the quick start guide to balance the tonearm.
3. Install the headshell with the cartridge onto the front of the tonearm.

2.4 Dust Cover Installation

Attach the hinges to the dust cover, then carefully align and insert the hinges into the corresponding slots on the turntable base. The dust cover helps protect the turntable from dust and debris when not in use.



Figure 2: Angled view of the Teac TN-280BT Turntable. This perspective highlights the tonearm and platter details.

3. OPERATING INSTRUCTIONS

3.1 Playing a Record

1. Place a record on the platter.
2. Select the appropriate speed (33 or 45 RPM) using the speed selector. For 45 RPM records with a large center hole, use the included 45 RPM adapter.
3. Lift the tonearm using the cueing lever. Position the tonearm over the desired track of the record.
4. Gently lower the tonearm using the cueing lever. The stylus will make contact with the record, and playback will begin.
5. At the end of the record, lift the tonearm using the cueing lever and return it to the tonearm rest.

3.2 Bluetooth Connectivity

The Teac TN-280BT features integrated Bluetooth for wireless audio streaming to compatible speakers or headphones.

1. Ensure your Bluetooth speaker or headphones are in pairing mode.
2. Press and hold the Bluetooth pairing button on the turntable (refer to the quick start guide for exact location). The indicator light will flash, signifying pairing mode.
3. Once paired, the indicator light will remain steady, and audio from the turntable will stream wirelessly to your device.

3.3 Phono EQ / Line Output

The turntable includes a built-in Phono Equalizer (EQ) for direct connection to an amplifier or powered speakers without a dedicated phono input. A switch on the rear panel allows you to select between PHONO (for external phono preamps) and LINE (for built-in phono EQ).



Figure 3: Rear view of the Teac TN-280BT Turntable. This shows the RCA output jacks, ground terminal, Phono EQ switch, and power input.

4. MAINTENANCE

Regular maintenance ensures the best performance and extends the life of your turntable.

- **Cleaning the Stylus:** Gently brush the stylus from back to front using a soft brush designed for stylus cleaning.
- **Cleaning the Turntable:** Use a soft, dry cloth to wipe the turntable chassis and dust cover. Avoid abrasive cleaners or solvents.
- **Dust Cover Care:** The dust cover can be cleaned with a soft, damp cloth. Avoid harsh chemicals that may scratch or cloud the plastic.

5. TROUBLESHOOTING

If you encounter issues with your turntable, refer to the following common troubleshooting steps:

- **No Sound:** Check all cable connections (RCA, power). Ensure the Phono EQ switch is set correctly for your amplifier. Verify Bluetooth connection if using wireless speakers.
- **Distorted Sound:** Check stylus for damage or debris. Ensure the tonearm is properly balanced and tracking force is set correctly.
- **Platter Not Spinning:** Verify the power adapter is securely connected. Check if the drive belt is correctly installed around the motor pulley and platter.
- **Bluetooth Pairing Issues:** Ensure the turntable and receiving device are in pairing mode and within range. Disconnect and re-pair if necessary.

6. SPECIFICATIONS

- **Product Dimensions:** 14 x 16.5 x 4.6 inches
- **Item Weight:** 10.8 pounds
- **Manufacturer:** TEAC
- **Item model number:** TN-280BT
- **Maximum Rotational Speed:** 45 RPM
- **Special Feature:** Equalizer
- **Material:** Engineered Wood
- **Style:** Modern
- **Color:** Black

- **Compatible Devices:** Headphone, Speaker
- **Motor Type:** DC Motor

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included in your product packaging or visit the official Teac website. Keep your proof of purchase for any warranty claims.