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Crosley C10A-NA Hardwood Turntable User Manual

Model: C10A-NA | Brand: Crosley

INTRODUCTION

The Crosley C10A-NA Hardwood Turntable is designed for vinyl enthusiasts seeking a high-quality audio experience. This manual provides essential information for setting up, operating, and maintaining your turntable to ensure optimal performance and longevity. Please read all instructions carefully before use.



Figure 1: Front view of the Crosley C10A-NA Hardwood Turntable with a record on the platter.

SETUP

Proper setup is crucial for the best sound quality and to prevent damage to your turntable and records.

1. Unpacking and Component Identification

- Carefully remove all components from the packaging.

- Verify that all parts listed in the 'What's in the Box' section are present.
- Place the turntable on a stable, level surface away from direct sunlight, heat sources, and excessive vibration. The turntable features shock-absorbent feet for reduced vibration.

2. Platter and Belt Installation

The C10A-NA uses a belt-driven mechanism. The belt may need to be installed or checked.

1. Gently place the platter onto the spindle.
2. Locate the drive belt, typically found around the inner rim of the platter or separately packaged.
3. Carefully stretch the belt around the motor pulley (a small brass or metal cylinder) and the inner rim of the platter. Ensure the belt is not twisted.

Video: This official Crosley video demonstrates the setup process for the C10A-NA turntable, including platter and belt installation, and connecting external components. It highlights key features such as the low vibration synchronous motor and the aluminum tonearm.

3. Tonearm and Cartridge

The C10A-NA comes with an 8.6" aluminum tonearm and a pre-mounted Ortofon OM5e cartridge. While pre-aligned at the factory, understanding these components is beneficial.

- **Counterweight:** The tonearm features an adjustable counterweight. This balances the tonearm and sets the tracking force for the stylus. Refer to the Ortofon OM5e cartridge specifications for the recommended tracking force (typically 1.5g - 2.0g).
- **Anti-Skate:** The anti-skate mechanism prevents the tonearm from being pulled towards the center of the record. Adjust this according to the tracking force set.
- **Cartridge:** The Ortofon OM5e cartridge is user-replaceable, allowing for future upgrades or replacements.



Figure 2: Detailed view of the tonearm and pre-mounted Ortofon OM5e cartridge.

4. Connecting External Components

The C10A-NA is a component turntable and requires external amplification. You will need a phono pre-amplifier, an amplifier (if your speakers are not self-powered), and speakers.

1. Connect the RCA output cables from the turntable to the 'Phono In' inputs on your phono pre-amplifier. Ensure the ground wire is also connected.

2. Connect the output of the phono pre-amplifier to an available input on your amplifier or powered speakers.
3. Connect your speakers to the amplifier (if applicable).
4. Plug the turntable's power adapter into a wall outlet.

OPERATING

Follow these steps to play your vinyl records.

1. Power On

- Locate the power switch, typically on the underside or rear of the turntable. Flip the switch to the 'On' position.

2. Speed Selection

The C10A-NA supports two speeds: 33 1/3 RPM and 45 RPM. To change speeds, you will need to manually adjust the belt position on the motor pulley.

- For 33 1/3 RPM, the belt should be on the smaller diameter of the motor pulley.
- For 45 RPM, the belt should be on the larger diameter of the motor pulley.
- Carefully lift the platter to access the belt and motor pulley for speed changes.

3. Playing a Record

1. Place a record on the platter.
2. Unlock the tonearm from its rest.
3. Use the cueing lever to gently raise the tonearm.
4. Manually position the tonearm over the desired groove on the record.
5. Lower the cueing lever to gently drop the stylus onto the record. The record will begin to play.

4. Stopping Playback

1. At the end of the record, or when you wish to stop, use the cueing lever to raise the tonearm.
2. Manually return the tonearm to its rest.
3. Secure the tonearm lock.
4. Flip the power switch to the 'Off' position.

MAINTENANCE

Regular maintenance will help preserve the performance and appearance of your turntable.

1. Cleaning

- **Plinth and Dust Cover:** Use a soft, dry, lint-free cloth to wipe down the plinth and dust cover. For stubborn marks, a slightly damp cloth can be used, followed by a dry one. Avoid abrasive cleaners.
- **Platter:** The platter can be cleaned with a soft, dry cloth.

2. Stylus Care

- A clean stylus is essential for optimal sound quality and to prevent damage to your records.
- Use a dedicated stylus cleaning brush or fluid to gently clean the stylus from back to front.
- Avoid touching the stylus with your fingers.

3. Belt Inspection

- Periodically inspect the drive belt for signs of wear, stretching, or cracking. A worn belt can lead to inconsistent playback speed.
- Replace the belt if necessary.

TROUBLESHOOTING

If you encounter issues with your turntable, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No sound or low volume	Incorrect connections, no phono preamp, faulty cables.	Ensure all cables are securely connected. Confirm a phono pre-amplifier is in use and correctly connected. Test with different cables if possible.
Skipping or distorted sound	Incorrect tracking force/anti-skate, dirty stylus, damaged record, uneven surface.	Adjust tracking force and anti-skate settings. Clean the stylus. Inspect the record for damage. Ensure the turntable is on a level surface.
Motor hum	Grounding issue, motor vibration, proximity to other electronics.	Ensure the ground wire is securely connected. Try repositioning the turntable or other electronic devices.
Inconsistent playback speed	Worn or stretched drive belt, incorrect speed selection.	Inspect the drive belt and replace if necessary. Verify the belt is correctly positioned for the desired speed (33 1/3 or 45 RPM).

SPECIFICATIONS

- **Model Name:** C10
- **Color:** Natural
- **Style:** Modern
- **Item Weight:** 12 Pounds (5.44 kg)
- **Material:** Engineered Wood, Plastic
- **Special Feature:** Low Vibration Synchronous Motor, Shock Absorbent Feet, Adjustable Counterweight
- **Included Components:** Audio grade MDF plinth, belt driven turntable mechanism, 8.6' aluminum tonearm, Ortofon OM5e cartridge, low vibration synchronous motor, and shock absorbent feet
- **Maximum Rotational Speed:** 45 RPM
- **Connectivity Technology:** Auxiliary
- **Brand:** Crosley
- **Product Dimensions:** 16.25 x 13 x 4.5 inches (41.27 x 33.02 x 11.43 cm)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Crosley website. Keep your proof of purchase for any warranty claims.

