

MAG CR247-CR248 Stylus

MAG Replacement Diamond Needle Stylus User Manual

For Crosley Songwriter CR247 and CR248 Turntables

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your MAG Replacement Diamond Needle Stylus. This stylus is designed for use with Crosley Songwriter CR247 and CR248 turntable models, ensuring optimal sound reproduction and extending the life of your vinyl records.

2. SETUP AND INSTALLATION

Proper installation of the replacement stylus is crucial for sound quality and to prevent damage to your records. Always handle the stylus with care, avoiding contact with the diamond tip.

2.1 Safety Precautions

- Always unplug your turntable from the power outlet before beginning installation.
- Avoid touching the stylus tip with your fingers, as oils and dirt can degrade performance.
- Work in a well-lit area to clearly see the components.

2.2 Replacing the Stylus

1. **Remove the Old Stylus:** Gently grasp the front of the existing stylus cartridge (the part holding the needle) and pull it downwards and forwards away from the tonearm. It should detach with a slight click.
2. **Prepare the New Stylus:** Carefully remove the new MAG stylus from its packaging. Hold it by the plastic body, not the needle.
3. **Install the New Stylus:** Align the new stylus with the cartridge housing on the tonearm. Push it upwards and backwards until it clicks securely into place. Ensure it is firmly seated and does not wobble.
4. **Inspect Installation:** Visually confirm that the stylus is straight and securely attached. The diamond tip should be clearly visible and undamaged.



Figure 1: The MAG Replacement Diamond Needle Stylus. This image shows the yellow plastic housing with the cantilever and diamond tip visible at the front, ready for installation.

3. OPERATING INSTRUCTIONS

Once the stylus is installed, you can resume playing your vinyl records. Ensure your turntable is placed on a stable, level surface.

1. **Power On:** Plug in your turntable and turn on the power.
2. **Place Record:** Carefully place a vinyl record on the turntable platter.
3. **Lower Tonearm:** Use the tonearm lift lever to gently lower the tonearm, positioning the stylus over the desired track on the record. Avoid dropping the tonearm directly onto the record.
4. **Playback:** The record will begin to play. Adjust the volume on your audio system as needed.
5. **End of Playback:** At the end of the record, or when you wish to stop, use the tonearm lift lever to raise the tonearm and return it to its rest.

4. MAINTENANCE AND CARE

Regular maintenance will prolong the life of your stylus and ensure optimal sound quality.

- **Stylus Cleaning:** Use a soft stylus brush (sold separately) to gently brush the stylus tip from back to front. Never brush from side to side or front to back, as this can damage the cantilever. Clean the stylus before or after each play session.
- **Record Cleaning:** Keep your vinyl records clean. Dust and debris on records can accumulate on the stylus tip, affecting sound and potentially damaging both the stylus and the record.
- **Storage:** When not in use, ensure the tonearm is secured in its rest and the dust cover (if applicable) is closed to protect the stylus from dust and accidental damage.
- **Replacement:** A diamond stylus typically lasts between 500 and 1000 hours of playback, depending on care and record condition. If you notice a degradation in sound quality or visible wear on the tip, it's time for a replacement.

5. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Sound or Distorted Sound:**
 - Ensure the stylus is correctly and securely seated in the cartridge.
 - Check all audio connections from the turntable to your amplifier/speakers.
 - Clean the stylus tip thoroughly.

- Verify that the record is clean and free of debris.
- If the stylus has many hours of use, it may need replacement.
- **Skipping or Jumping:**
 - Ensure the turntable is on a stable, level surface.
 - Check the record for scratches, dust, or warps.
 - Verify the stylus is clean and undamaged.
- **Humming Noise:**
 - Ensure all ground wires are properly connected (if applicable to your turntable model).
 - Move the turntable away from other electronic devices that might cause interference.

6. SPECIFICATIONS

Feature	Detail
Product Type	Replacement Diamond Needle Stylus
Brand	MAG
Compatibility	Crosley Songwriter CR247, CR248 Turntables
Stylus Tip Material	Diamond
ASIN	B08GLLFDD7

7. WARRANTY AND SUPPORT

For warranty information regarding your MAG Replacement Diamond Needle Stylus, please refer to the documentation provided with your original purchase or contact the seller directly. Specific warranty terms may vary.

If you require further assistance or have questions not covered in this manual, please contact the retailer or manufacturer's customer support.