

## Rcovasc SB-122

# Rcovasc Electric Powered Slot Car Race Track Set SB-122 Instruction Manual

Model: SB-122

## 1. INTRODUCTION

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This manual provides detailed instructions for the assembly, operation, and maintenance of your Rcovasc Electric Powered Slot Car Race Track Set, Model SB-122. Please read this manual thoroughly before use to ensure safe and optimal performance.

The set includes two electric-powered slot cars of different colors and a track designed for beginner racers, allowing younger users to develop racing skills at a controlled speed. The track features sturdy loop and fly-over turns, along with foundation pieces and walls to prevent cars from derailing.



Image 1: The Rcovasc Electric Powered Slot Car Race Track Set, featuring two cars and a track with loops.

## 2. PACKAGE CONTENTS

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Before assembly, verify that all components listed below are present in your package:

- Track sections (various shapes for curves, straights, and loops)
- 2 Electric Slot Cars (different colors)
- 2 Remote Controllers
- Power Adapter
- Track Supports and Barriers
- Decorative elements (flags, streetlights)
- Instruction Manual

# ASSEMBLY DRAWINGS

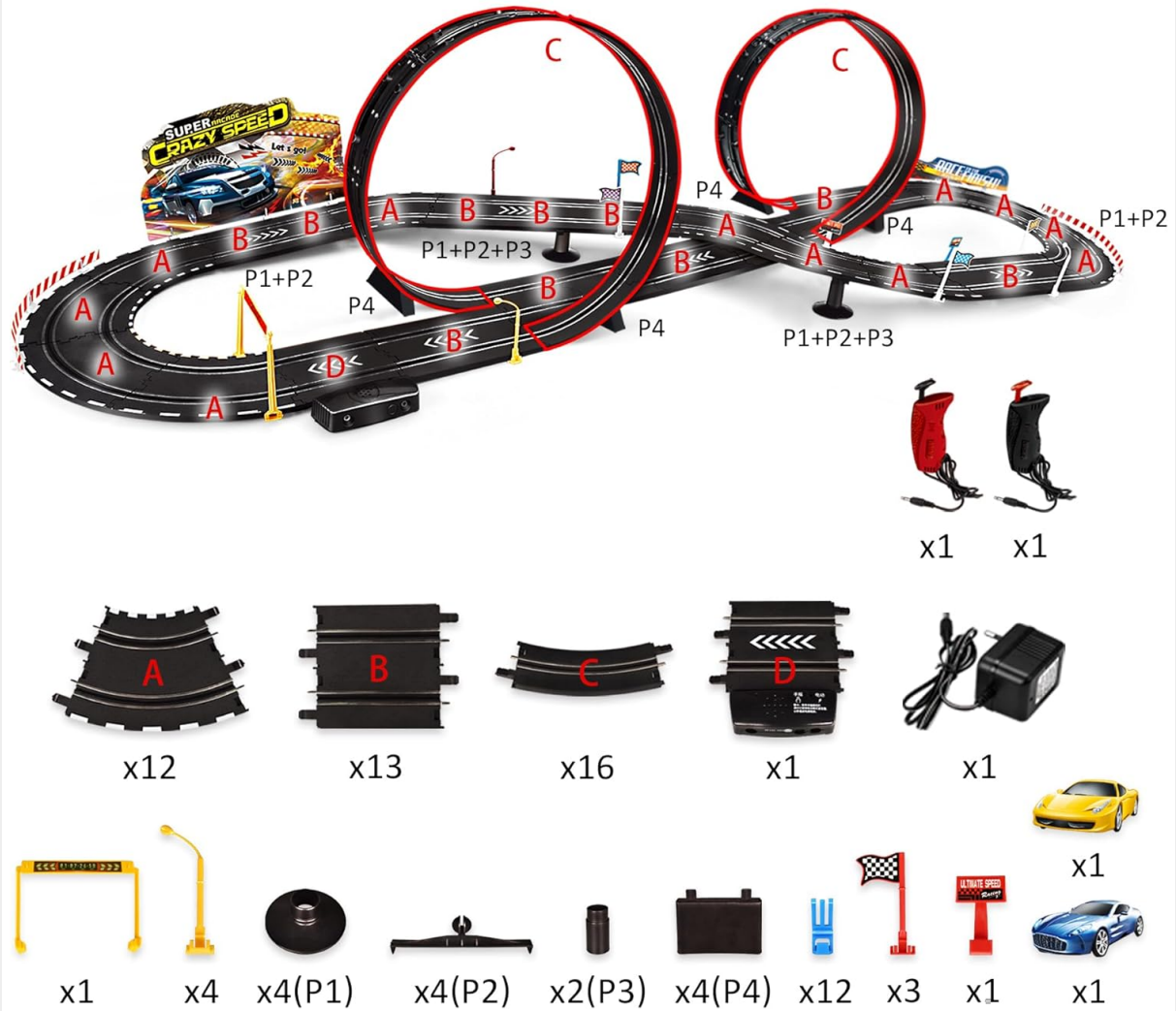


Image 2: An overview of all included components, detailing the quantity and type of each track piece, car, and accessory.

## 3. SETUP AND ASSEMBLY

Assembly instructions are included in the package. Follow these general steps:

- 1. Unpack Components:** Carefully remove all track pieces, cars, controllers, and accessories from the packaging.
- 2. Plan Track Layout:** Refer to the assembly drawings provided to plan your desired track configuration. The set supports various layouts, including loops and fly-over turns.
- 3. Connect Track Pieces:** Securely connect the track sections by aligning the connectors and pressing them firmly together. Ensure all connections are flush to create a smooth racing surface.
- 4. Install Supports and Barriers:** Attach the cylindrical and trapezoidal brackets to support elevated track sections and loops. Place barriers along the turns to prevent cars from leaving the track.
- 5. Connect Power and Controllers:** Connect the power adapter to the designated power track section. Plug the remote controllers into the power track section.
- 6. Place Cars on Track:** Carefully position the slot cars onto their respective lanes on the track.



Image 3: Detailed view of track features such as 360-degree loops, various brackets for support, and the textured surface for optimal car grip.

## 4. OPERATING INSTRUCTIONS

The Rcovasc Slot Car Race Track Set offers both electric and manual operation methods. The speed restrictor helps maintain an ideal speed for navigating loops and curves.

### 4.1 Electric Operation

1. Ensure the power adapter is connected to a power source and the track.
2. Insert the remote controller's plug into the electric socket on the power track section.
3. Press the trigger on the remote controller to accelerate your car. Release to slow down.
4. Utilize the electric booster button on the controller for additional speed on straight sections.

# OPERATING MODE



Connect power supply

Insert the handle into the electric socket

Press

Image 4: A hand demonstrates connecting the remote controller and operating the slot car on the track.

## 4.2 Manual Operation

Some models may feature manual remotes where you rotate a handle to generate power for the cars. Refer to your specific controller type for manual operation details.

## 4.3 Brush Usage Note

For optimal performance, ensure the brushes on the underside of the cars are positioned correctly to make proper contact with the track's power rails. Refer to the diagram for correct brush usage.



Image 5: This diagram shows the correct orientation for the car's brushes to ensure consistent power transfer from the track.

## 5. MAINTENANCE

To ensure the longevity and performance of your race track set:

- **Clean Track:** Regularly wipe down track surfaces with a dry, lint-free cloth to remove dust and debris that can affect car performance.
- **Inspect Brushes:** Periodically check the car brushes for wear and tear. Replace worn brushes to maintain good electrical contact.
- **Store Properly:** When not in use, disassemble the track and store all components in their original packaging or a suitable container to prevent damage.

## 6. TROUBLESHOOTING

If you encounter issues with your race track set, try the following solutions:

- **Car Not Moving:**
  - Check power connections to ensure the adapter is securely plugged in and the power track section is receiving power.

- Verify that the remote controllers are properly connected to the power track.
  - Ensure the car brushes are clean and making good contact with the track rails (refer to Section 4.3).
  - Inspect the car's motor for any obstructions or damage.
- **Cars Derailed Frequently:**
    - Reduce speed, especially on curves and loops.
    - Ensure track barriers are correctly installed on turns.
    - Check track connections for any gaps or uneven surfaces.
- **Track Sections Not Staying Together:**
    - Ensure all track connectors are fully engaged.
    - Place the track on a flat, stable surface.

## 7. SPECIFICATIONS

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<b>Brand</b>	Rcovasc
<b>Model Number</b>	SB-122
<b>ASIN</b>	B09B3JPKCC
<b>Package Dimensions</b>	13.3 x 7.52 x 7.48 inches
<b>Item Weight</b>	3.85 pounds
<b>Recommended Age</b>	6 - 12 years
<b>Manufacturer</b>	Rcovasc

## 8. OFFICIAL PRODUCT VIDEO

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Your browser does not support the video tag.

Video 1: An official product video showcasing the Rcovasc Electric Powered Slot Car Race Track Set in action, highlighting its features and functionality.

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your Rcovasc Electric Powered Slot Car Race Track Set, please contact the manufacturer directly. Refer to the product packaging or the manufacturer's official website for contact details.