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## Carrera 370430021

# Carrera 370430021 Team Sonic Racing Tabletop Racing Set Instruction Manual

Model: 370430021 | Brand: Carrera

## INTRODUCTION

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This manual provides essential instructions for the assembly, operation, and maintenance of your Carrera Team Sonic Racing Tabletop Racing Set. Please read this manual thoroughly before using the product to ensure safe and optimal performance. This set is designed for users aged 6 years and up.

## PACKAGE CONTENTS

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Verify that all components listed below are present in your package:

- 1x Carrera Team Sonic Racing Tabletop Racetrack Set
- 2x Vehicles (Sonic and Tails)
- 2x Remote Controls
- 45x Track Elements (various curves, straights, chicanes)
- Decorative Elements (including a large start and finish arch)
- 1x Rechargeable Battery
- Required AAA Batteries (for remote controls)
- 1x Charger
- Instruction Manual (this document)



Image: The product box displaying the complete Team Sonic Racing Tabletop Racing Set, including vehicles, track pieces, and remote controls.

## SETUP INSTRUCTIONS

### 1. Track Assembly

1. Unpack all track elements.
2. Connect the track pieces by aligning the connectors and pressing them firmly together. Refer to the included layout suggestions or create your own custom track design using the 45 track elements.
3. Place the decorative elements, such as the start and finish arch, around the track for an enhanced racing environment.

**SONIC**<sup>TM</sup>  
THE HEDGEHOG

**Carrera**<sup>®</sup>



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**READY TO RUN**  
inkl. Akku, Batterien und Ladekabel  
**READY TO RUN**  
incl. rechargeable battery, batteries and charger

Image: An overhead view of the fully assembled Carrera Team Sonic Racing Racetrack, showing the track layout, vehicles, and decorative elements.

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**Fahrzeuglänge:**  
7,5 cm  
Length: 7,5 cm

**Inkl. Leitplanken und Streckendeko**  
Incl. Crash barriers and Sonic design track decorations



**READY TO RUN**  
inkl. Akku, Batterien und Ladekabel  
**READY TO RUN**  
incl. rechargeable battery, batteries and charger

**Maßstab**  
**1:43**  
**SCALE**

Image: Close-up of the Sonic and Tails vehicles, highlighting their 7.5 cm length, alongside track barriers and Sonic-themed track decorations.

## 2. Battery Installation and Charging

- **Vehicles:** The vehicles use a rechargeable battery. Connect the included charger to the vehicle's charging port and a power source. Charge until the indicator light shows a full charge.
- **Remote Controls:** Each remote control requires AAA batteries. Open the battery compartment on the back of the remote control, insert the batteries according to the polarity markings (+/-), and close the compartment.



The image is a promotional graphic for the Carrera remote control. At the top left is the 'SONIC THE HEDGEHOG' logo, and at the top right is the 'Carrera' logo. The background is blue with white geometric patterns. In the center is a black remote control with two red buttons and a yellow star button. Text on the left describes '2.4 GHz TECHNOLOGY' with English and German descriptions of its interference-free nature. Text on the right describes '3 SPEED MODES' with English and German descriptions of its adjustable speed settings. At the bottom left, it says 'READY TO RUN' in both English and German, including the battery and charger. At the bottom right, there is a small copyright notice for SEGA.

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**2.4 GHz TECHNOLOGY**

*Interruption-free due to frequency independence.  
Up to 16 cars can be run in parallel*

*Störungsfrei da frequenzunabhängig.  
Bis zu 16 Fahrzeuge parallel möglich*

**3 SPEED MODES** 

*Remote controlled vehicle with  
3 adjustable speed modes*

*Ferngesteuertes Fahrzeug mit  
3 einstellbaren Geschwindigkeits-Modi*

**READY TO RUN**  
inkl. Akku, Batterien und Ladekabel

**READY TO RUN**  
incl. rechargeable battery, batteries and charger

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Image: The Carrera remote control, featuring 2.4 GHz technology and controls for three adjustable speed modes.

## OPERATING INSTRUCTIONS

### 1. Power On

- Ensure both vehicles are fully charged and the remote controls have fresh batteries.
- Turn on the power switch on each vehicle.
- Turn on each remote control. The remote controls and vehicles will automatically pair using 2.4 GHz technology.

### 2. Driving the Vehicles

- Use the joystick or buttons on the remote control to accelerate, brake, and steer your vehicle.
- The set features full driving and steering functions, allowing precise control.
- **Speed Modes:** The remote control offers 3 adjustable speed modes. Select a speed mode appropriate for your skill level and track layout.
- The 2.4 GHz technology allows up to 16 vehicles to operate simultaneously without interference.

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Image: The assembled racetrack with Sonic and Tails vehicles, indicating a top speed of 5 km/h (3.1 mph), 2.4 GHz technology, and suitability for ages 6+.

## MAINTENANCE

### Cleaning

- Wipe the track pieces and vehicles with a soft, dry cloth to remove dust and debris.
- Do not use harsh chemicals or abrasive cleaners, as these can damage the product.

### Storage

- When not in use, store the set in a cool, dry place away from direct sunlight.
- Remove batteries from remote controls if storing for extended periods to prevent leakage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not move.	Vehicle battery is low or uncharged. Remote control batteries are dead. Vehicle or remote control is not powered on.	Charge the vehicle battery. Replace remote control batteries. Ensure both vehicle and remote control power switches are ON.
Poor control or intermittent connection.	Interference from other 2.4 GHz devices. Vehicle or remote control is too far apart.	Move away from other wireless devices. Ensure the vehicle and remote control are within operating range.

Problem	Possible Cause	Solution
Track pieces do not connect securely.	Connectors are misaligned or damaged.	Ensure connectors are properly aligned. Inspect for damage; if damaged, contact support.

## SPECIFICATIONS

- **Model Number:** 370430021
- **Brand:** Carrera
- **Product Dimensions:** 15.55 x 11.61 x 3.74 inches
- **Item Weight:** 3.41 pounds
- **Manufacturer Recommended Age:** 6 years and up
- **Batteries:** 4 AAA batteries required (included for remote controls), rechargeable battery for vehicles (included)
- **Technology:** 2.4 GHz (supports up to 16 vehicles simultaneously)
- **Vehicle Scale:** 1:43
- **Vehicle Length:** 7.5 cm
- **Speed Modes:** 3 adjustable speed modes
- **Languages:** English, French, German, Italian, Spanish
- **Manufacturer:** Carrera Toys GmbH



Image: The assembled racetrack with a ruler overlay, indicating the track layout dimensions of 8.2 x 4.5 x 3 cm (3.2 x 1.8 x 1.2 inches).

## IMPORTANT SAFETY INFORMATION

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- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age.
- **Battery Safety:**
  - Do not mix old and new batteries.
  - Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
  - Insert batteries with correct polarity.
  - Remove exhausted batteries promptly.
  - Do not dispose of batteries in fire; they may explode or leak.
  - Rechargeable batteries should only be charged under adult supervision.
- **Supervision:** Adult supervision is recommended during play, especially for younger children.
- **Usage Environment:** Use the product on a flat, stable surface. Avoid using near water or in wet conditions.

## WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please contact Carrera Toys GmbH directly. Refer to the product packaging or the official Carrera website for the most current contact details.

**Manufacturer:** Carrera Toys GmbH

**Website:** [www.carrera-toys.com](http://www.carrera-toys.com)