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> Carrera 2.4GHz Red Bull RC2 Remote Control Buggy User Manual

## Carrera 370201058

# Carrera 2.4GHz Red Bull RC2 Remote Control Buggy User Manual

Model: 370201058

### IMPORTANT SAFETY INFORMATION

**WARNING:** Not suitable for children under 3 years old due to small parts. Choking hazard.

This product should be used under direct adult supervision. Read all instructions before operation.

- Always operate the vehicle in a safe environment, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions.
- Ensure all batteries are correctly inserted and charged according to instructions.
- Do not mix old and new batteries, or different types of batteries.
- Remove batteries from the vehicle and remote control when not in use for extended periods.
- Dispose of batteries responsibly.

### PRODUCT OVERVIEW

The Carrera 2.4GHz Red Bull RC2 is a high-performance remote control buggy designed for enthusiasts. It features a lightweight, flexible, and robust body, offering durability during high-speed operation. With a top speed of up to 25 km/h (15.5 mph), this RC buggy provides an exciting driving experience.

The vehicle is equipped with integral suspension, including both front and rear suspension, and pneumatic tires for optimal handling on various terrains. It operates on 2.4GHz technology, allowing for interference-free racing with multiple vehicles simultaneously.



Image: The Carrera 2.4GHz Red Bull RC2 remote control buggy, showcasing its dynamic design and speed blur effect.

## PACKAGE CONTENTS

Upon unpacking, please ensure all the following components are present:

- 1 x Carrera Red Bull RC2 Remote Control Buggy
- 1 x Remote Control (2.4GHz)
- 1 x Longlife LiFePo4 Rechargeable Battery (for the vehicle)
- 1 x USB Charging Cable (1A, EXTRA FAST)
- Batteries for the remote control (included)
- Instruction Manual



Image: The Carrera Red Bull RC2 product box, displaying the RC buggy, remote control, and other included accessories.

## SETUP

### 1. Charging the Vehicle Battery

1. Locate the LiFePo4 rechargeable battery for the RC buggy.
2. Connect the battery to the provided USB charging cable.
3. Plug the USB charging cable into a compatible USB power source (e.g., computer USB port, USB wall adapter).
4. The charging indicator light on the cable will show the charging status. A full charge typically takes approximately 90 minutes.
5. Once fully charged, disconnect the battery from the charging cable.

### 2. Installing Remote Control Batteries



Image: The 2.4GHz remote control for the Carrera RC buggy, showing its ergonomic design and control layout.

1. Open the battery compartment on the back of the remote control.
2. Insert the required batteries (usually AA or AAA, check the remote for markings) ensuring correct polarity (+/-).
3. Close the battery compartment securely.

### **3. Installing Vehicle Battery**

1. Locate the battery compartment on the underside of the RC buggy.
2. Carefully open the compartment.

3. Connect the charged LiFePo4 battery to the vehicle's power connector.
4. Place the battery inside the compartment and close it securely.

## 4. Pairing the Remote Control

The 2.4GHz technology typically allows for automatic pairing.

1. Turn on the RC buggy using its power switch.
2. Turn on the remote control using its power switch.
3. The remote control and vehicle should automatically connect. An indicator light on both devices may confirm successful pairing.
4. If pairing fails, turn both devices off and repeat the process. Ensure batteries are fully charged.

## OPERATING INSTRUCTIONS

### Basic Controls

- **Steering Wheel:** Rotate left or right to steer the vehicle.
- **Trigger:** Pull the trigger to move forward, push it to brake or reverse.
- **Trim Adjustments:** If the vehicle does not drive straight, use the steering trim dial on the remote control to adjust.

### Driving Tips

- Start with slow speeds to get accustomed to the controls.
- Avoid driving on public roads or near pedestrians.
- The vehicle performs best on smooth, flat surfaces, but its suspension allows for light off-road use.
- Operating time is approximately 20 minutes on a full charge.
- When the battery power is low, the vehicle's speed and responsiveness will decrease. Recharge the battery promptly.

## MAINTENANCE

### Cleaning

- After each use, especially outdoors, gently clean the vehicle to remove dirt, dust, and debris.
- Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no water enters electronic components.
- Do not use chemical cleaners or solvents.

### Battery Care

- Always allow the battery to cool down before recharging.
- Do not overcharge or completely discharge the LiFePo4 battery.
- If storing for an extended period, charge the battery to approximately 50% capacity.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

### Storage

- Remove all batteries from both the vehicle and the remote control before storage.
- Store the RC buggy and remote control in a dry, cool environment, away from direct sunlight.
- Protect the vehicle from dust and physical damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vehicle does not respond.	<ul style="list-style-type: none"> <li>• Vehicle or remote control is off.</li> <li>• Low or dead batteries.</li> <li>• Improper battery installation.</li> <li>• No pairing between vehicle and remote.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure both are switched ON.</li> <li>• Replace or recharge batteries.</li> <li>• Check battery polarity and connections.</li> <li>• Turn both devices off and on again to re-pair.</li> </ul>
Vehicle runs slowly or has short operating time.	<ul style="list-style-type: none"> <li>• Vehicle battery is low.</li> <li>• Battery not fully charged.</li> <li>• Old or worn-out battery.</li> </ul>	<ul style="list-style-type: none"> <li>• Recharge the vehicle battery.</li> <li>• Ensure the battery is charged for the full 90 minutes.</li> <li>• Consider replacing the battery if it no longer holds a charge.</li> </ul>
Vehicle does not drive straight.	Steering trim needs adjustment.	Use the steering trim dial on the remote control to fine-tune the steering.
Interference during operation.	Other 2.4GHz devices nearby.	Move to an area with less electronic interference. The 2.4GHz system is designed to minimize this, but extreme cases can occur.

## SPECIFICATIONS

- **Brand:** Carrera
- **Model Name:** Red Bull RC2
- **Model Number:** 370201058
- **Scale:** 1:20
- **Frequency:** 2.4 GHz
- **Max Speed:** Up to 25 km/h (15.5 mph)
- **Operating Time:** Approximately 20 minutes
- **Charging Time:** Approximately 90 minutes
- **Battery Type (Vehicle):** Longlife LiFePo4 rechargeable battery
- **Power Source:** Battery powered
- **Material:** Plastic
- **Dimensions:** 41 x 21 x 16 cm (16.1 x 8.3 x 6.3 inches)
- **Weight:** 200 Grams (0.44 lbs)
- **Recommended Age:** 6 years and up (Manufacturer recommended minimum age)
- **Special Features:** Official Red Bull license, full suspension, high speed.

## WARRANTY AND SUPPORT

This Carrera product is covered by a **2-year manufacturer's warranty** from the date of purchase. This warranty covers manufacturing defects and material faults. It does not cover damage caused by improper use, accidents, modifications, or normal wear and tear.

For warranty claims, technical support, or spare parts, please contact your local Carrera dealer or visit the official Carrera website for customer service contact information. Please retain your proof of purchase for warranty validation.

For additional resources and product information, you may visit the official Carrera brand store: [Carrera Brand Store](#).

A relevant link for further information: <http://tinyqr.com/hf>



