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> Carrera RC Red Bull Peugeot WRX 208 Rallycross Car Instruction Manual

Carrera 370182021



Carrera RC Red Bull Peugeot WRX 208 Rallycross Car

Model: 370182021

INTRODUCTION

Welcome to the instruction manual for your Carrera RC Red Bull Peugeot WRX 208 Rallycross Car. This remote-controlled vehicle is designed for exciting off-road racing. Please read this manual carefully before operating the car to ensure safe use and optimal performance. Keep this manual for future reference.

PACKAGE CONTENTS

Ensure all items listed below are present in your package:

- 1 x Carrera RC Red Bull Peugeot WRX 208 Rallycross Car
- 1 x 2.4 GHz Remote Control Transmitter
- 1 x LiFePo4 Rechargeable Battery
- 1 x USB Charging Cable
- 1 x Instruction Manual (this document)
- 2 x AAA Batteries (for transmitter)

SAFETY INFORMATION

WARNING: Not suitable for children under 14 years. This product contains small parts which could be swallowed. Adult supervision is recommended during operation.

- Always operate the vehicle in a safe, open area away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent damage to electronics.
- Avoid impacts and collisions, as they can damage the vehicle's components.

- Use only the specified batteries and charging equipment.
- Do not attempt to modify or disassemble the vehicle or transmitter.

SETUP

1. Vehicle Battery Installation



Image: Side view of the Carrera RC Red Bull Peugeot WRX 208 Rallycross Car, showing its overall design and wheels.

1. Locate the battery compartment on the underside of the vehicle.
2. Open the battery compartment cover.
3. Connect the LiFePo4 battery to the vehicle's connector, ensuring correct polarity.
4. Place the battery inside the compartment and close the cover securely.

2. Transmitter Battery Installation



Image: The 2.4 GHz remote control transmitter, highlighting the steering wheel and trigger controls.

1. Locate the battery compartment on the back of the remote control transmitter.
2. Open the battery compartment cover.
3. Insert 2 AAA batteries, observing the correct polarity (+/-).
4. Close the battery compartment cover securely.

3. Charging the LiFePo4 Battery

The included LiFePo4 battery provides approximately 20 minutes of run time and requires about 90 minutes for a full charge.

1. Connect the USB charging cable to the LiFePo4 battery.

2. Plug the USB end of the cable into a suitable USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light on the cable will show the charging status (refer to charger instructions for specific light patterns).
4. Once fully charged, disconnect the battery from the charging cable and power source.

4. Pairing the Vehicle and Transmitter

The vehicle and transmitter are typically pre-paired. If they lose connection or you are using a new transmitter, follow these steps:

1. Ensure both the vehicle and transmitter batteries are fully charged and correctly installed.
2. Turn on the vehicle's power switch.
3. Turn on the transmitter's power switch.
4. The vehicle and transmitter should automatically connect. The indicator light on the transmitter will confirm a successful connection.

OPERATING INSTRUCTIONS

1. Basic Controls



Image: The 2.4 GHz remote control transmitter, illustrating the steering wheel and throttle trigger.

- **Steering Wheel:** Turn the wheel left or right to steer the vehicle.
- **Throttle Trigger:** Pull the trigger to move forward. Push the trigger forward to brake or reverse.
- **Trim Adjustment:** Use the trim dial (if present) to fine-tune the steering if the vehicle does not drive straight.

2. Driving Tips

- Start by practicing in an open, flat area to get accustomed to the controls.
- The vehicle is designed for rallycross, so it performs well on various surfaces including dirt and gravel.

- Avoid driving into walls or hard objects at high speeds to prevent damage.
- When the battery power is low, the vehicle's speed and responsiveness will decrease. Recharge the battery promptly.

MAINTENANCE

1. Cleaning



Image: Front view of the Carrera RC Red Bull Peugeot WRX 208 Rallycross Car, showing the front bumper and headlights.

- After each use, especially after driving on dirty surfaces, gently wipe the vehicle with a soft, damp cloth.
- Do not use harsh chemicals or solvents.
- Ensure no dirt or debris is lodged in the wheels or suspension components.

2. Storage

- Always remove all batteries (vehicle and transmitter) before storing the car for extended periods.
- Store the vehicle and transmitter in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	Low or dead batteries in vehicle or transmitter. Not paired correctly. Power switches off.	Check and replace/recharge batteries. Ensure both vehicle and transmitter are turned ON. Re-pair the devices.
Vehicle runs slowly or inconsistently.	Low vehicle battery. Obstruction in wheels/gears.	Recharge the LiFePo4 battery. Check for and remove any debris from moving parts.

Problem	Possible Cause	Solution
Vehicle does not drive straight.	Steering trim needs adjustment.	Use the steering trim dial on the transmitter to adjust until the vehicle drives straight.

SPECIFICATIONS

Brand:	Carrera
Model Name:	Carrera RC Red Bull Peugeot WRX 208 Rallycross
Model Number:	370182021
Scale:	1:18
Maximum Speed:	25 km/h (15.5 mph)
Material:	Plastic
Power Source:	Battery Powered (LiFePo4 for vehicle, AAA for transmitter)
Battery Type (Vehicle):	Lithium-ion (LiFePo4)
Run Time:	Up to 20 minutes
Charge Time:	Approx. 90 minutes (via USB fast charging cable)
Age Recommendation:	12+ years
Item Dimensions (L x W x H):	26.5 x 15.9 x 12 cm (10.4 x 6.3 x 4.7 inches)

WARRANTY AND SUPPORT

Warranty Information

This Carrera RC product comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Support

For technical assistance, spare parts, or warranty claims, please visit the official Carrera website or contact Carrera customer service. Please have your model number (370182021) and proof of purchase ready when contacting support.

Carrera Official Website: www.carrera-rc.com