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> Rastar 1:14 Porsche 918 Spyder RC Car Instruction Manual

**rastar CML-1007\_MattBlack**

# Rastar 1:14 Porsche 918 Spyder RC Car Instruction Manual

Model: CML-1007\_MattBlack

## 1. PRODUCT OVERVIEW

The Rastar 1:14 Porsche 918 Spyder RC Car is a highly detailed, officially licensed remote-controlled replica designed for enthusiasts aged 6 and above. This model accurately captures the aesthetics of the Porsche 918 Spyder, offering an engaging and realistic driving experience.



Figure 1.1: The Rastar 1:14 Porsche 918 Spyder RC Car and its remote controller.

Key features include working LED headlights and taillights, a 4-wheel independent suspension system, shock absorption, and a differential mechanism for smooth operation. The car boasts a high-gloss paint job and silver rims with rubber grip tires, enhancing its authentic appearance and performance.

## 2. SAFETY INFORMATION

**WARNING: CHOKING HAZARD - Small Parts.** This product is not suitable for children under 3 years of age due to small parts that could pose a choking risk.

- Always supervise children during play.
- Do not operate the RC car near roads, water, or in crowded areas.
- Keep fingers, hair, and loose clothing away from the wheels and moving parts.
- Do not modify the product or its components.
- Use only recommended batteries and ensure correct polarity during installation.

## 3. SETUP AND BATTERY INSTALLATION

Before operating your RC car, ensure all necessary batteries are correctly installed in both the vehicle and the remote controller.

### 3.1. Battery Requirements

- **RC Car:** Requires 5 x AA batteries (not included).
- **Remote Controller:** Requires 1 x 9V battery (not included).

## 3.2. Installation Steps

1. Locate the battery compartment on the underside of the RC car. Use a screwdriver to open the battery cover.
2. Insert 5 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment. Replace the battery cover and secure it with the screw.
3. Locate the battery compartment on the back of the remote controller. Open the cover.
4. Insert 1 9V battery, observing correct polarity. Replace the battery cover.
5. Turn on the RC car and the remote controller. The car and remote should automatically pair. If not, refer to the troubleshooting section.

## 4. OPERATING INSTRUCTIONS

Your Rastar Porsche 918 Spyder RC car offers full directional control for an immersive driving experience.

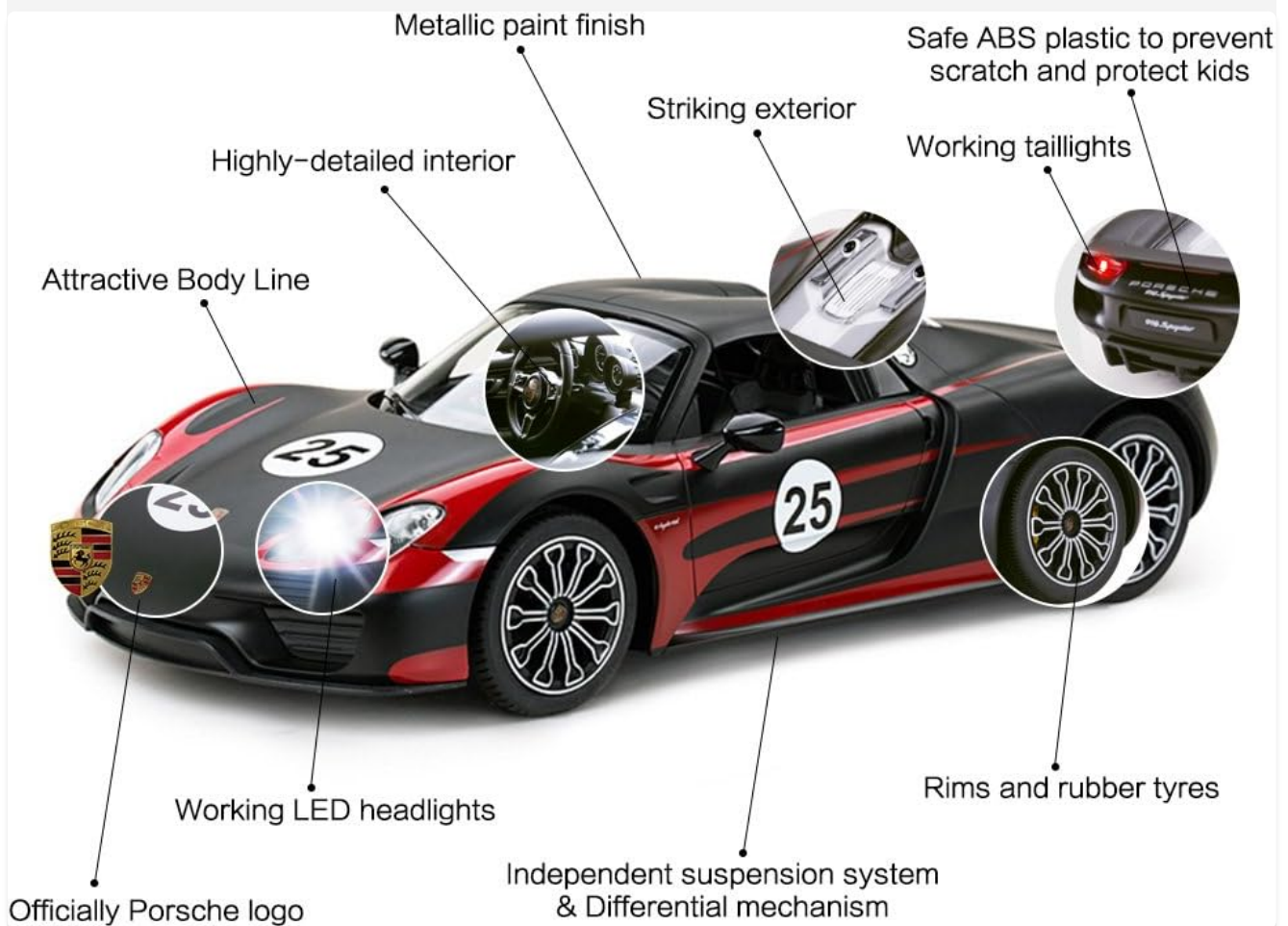


Figure 4.1: Key features of the RC Porsche 918 Spyder.

### 4.1. Remote Controller Functions

- **Forward:** Push the left joystick forward.
- **Reverse:** Pull the left joystick backward.
- **Turn Left:** While moving forward or backward, turn the right joystick left.
- **Turn Right:** While moving forward or backward, turn the right joystick right.
- **Stop:** Release the joysticks to the neutral position.

The remote control operates on a 2.4GHz single frequency, providing a reliable connection. The car can reach speeds of 5-6 mph with a remote range of up to 98 feet.

## 4.2. Special Features

- **Working LED Headlights & Taillights:** Lights illuminate when the car is in motion.
- **Independent Suspension System:** Provides smooth handling over various surfaces.
- **Differential Mechanism:** Enhances turning stability and control.

## 5. MAINTENANCE

Proper maintenance will extend the lifespan and performance of your RC car.

- **Cleaning:** Use a soft, dry cloth to wipe down the car and remote controller. Do not use water or chemical cleaners, as this can damage electronic components.
- **Battery Care:** Always remove batteries from the car and remote controller when not in use for extended periods to prevent leakage and corrosion. Dispose of used batteries responsibly according to local regulations.
- **Storage:** Store the RC car and remote in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact:** While durable, avoid severe impacts or drops to prevent damage to the car's internal mechanisms and exterior.

## 6. TROUBLESHOOTING

If you encounter issues with your RC car, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not move or respond to remote.	Batteries are low or incorrectly installed; Car/remote not turned on; Interference.	Replace batteries in both car and remote; Ensure power switches are ON; Move to an area with less electronic interference.
Car moves slowly or performance degrades quickly.	Batteries are running low; Batteries are not alkaline or of poor quality.	Replace with fresh, high-quality alkaline batteries. Ensure all 5 AA batteries in the car are new.
Remote control range is limited.	Low battery in remote; Environmental interference.	Replace 9V battery in remote; Operate in an open area away from large metal objects or other electronic devices.
Lights are not working.	Car is not turned on; Batteries are low; Damaged wiring.	Ensure car is powered on and batteries are fresh; If problem persists, contact customer support.

## 7. SPECIFICATIONS

Detailed specifications for the Rastar 1:14 Porsche 918 Spyder RC Car.



Figure 7.1: Dimensions of the RC Porsche 918 Spyder.

Feature	Detail
Model Number	CML-1007_MattBlack
Scale	1/14
Product Dimensions	32.9 x 15.5 x 8.6 cm (12.1" x 6.2" x 3.15")
Weight	1.18 kg
Material Type(s)	ABS plastic, Electronic components
Colour	918 Spyder (Black)
Recommended Age	6 - 6 years
Batteries Required	Yes (5 x AA for car, 1 x 9V for remote)
Batteries Included	No

Feature	Detail
Remote Range	Up to 98 feet
Speed	5-6 mph
Frequency	2.4GHz

## 8. WARRANTY AND SUPPORT

This Rastar RC car is manufactured by Rastar Group, a leading toy brand known for its quality and licensed products. For any product inquiries, technical support, or warranty claims, please contact the retailer where the product was purchased or refer to the official Rastar website for customer service contact information.

Please retain your proof of purchase for any warranty-related issues.