

## RASTAR RT71000

# RASTAR BMW i8 RC Car (Model RT71000) Instruction Manual

## 1. INTRODUCTION

Thank you for purchasing the RASTAR BMW i8 RC Car, Model RT71000. This 1:14 scale remote-controlled vehicle is an officially licensed replica designed for realistic driving and interactive features. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and enjoyment of your RC car.



Image 1.1: The RASTAR BMW i8 RC Car, showcasing its detailed design and illuminated headlights.

## 2. SAFETY INFORMATION

- **Adult Supervision:** This product is recommended for ages 0-6 years, but adult supervision is always advised during operation, especially when children are present.
- **Battery Safety:** Use only recommended batteries. Do not mix old and new batteries, or different types of batteries. Insert batteries with correct polarity. Remove batteries when not in use for extended periods. Do not attempt to recharge non-rechargeable batteries.
- **Operating Environment:** Operate the RC car in open, clear areas away from obstacles, people, pets, and water. Avoid operating near roads or in crowded spaces.
- **Avoid Collisions:** Do not intentionally crash the vehicle into objects or people.
- **Choking Hazard:** Keep small parts and batteries out of reach of young children.
- **Heat Warning:** The motor and batteries may become warm during prolonged use. Allow the vehicle to cool down before handling or changing batteries.

## 3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x RASTAR BMW i8 RC Car (Model RT71000)
- 1 x Remote Transmitter
- 1 x Instruction Manual (this document)

## 4. SETUP

### 4.1 Battery Installation

The RASTAR BMW i8 RC Car and its remote transmitter require batteries for operation. Batteries are not included in the package.

#### For the RC Car:

1. Locate the battery compartment on the underside of the RC car.
2. Use a screwdriver to open the battery compartment cover.
3. Insert **5 x AA batteries**, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and secure it with the screw.

#### For the Remote Transmitter:

1. Locate the battery compartment on the back of the remote transmitter.
2. Use a screwdriver to open the battery compartment cover.
3. Insert **1 x 9V battery**, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and secure it with the screw.



Image 4.1: Detailed view of the car's interior and front lights, indicating the level of detail.

## 4.2 Initial Checks

- Ensure both the car and the remote have fresh batteries installed correctly.
- Turn on the power switch on the RC car (usually located on the underside).
- Turn on the power switch on the remote transmitter.
- The car and remote should automatically pair. If not, turn both off and on again.

## 5. OPERATING INSTRUCTIONS

The RASTAR BMW i8 RC Car offers full-function radio control and special features for an engaging experience.

### 5.1 Basic Controls

Use the remote transmitter to control the vehicle's movement:

- **Forward:** Push the left joystick/button forward.
- **Backward:** Pull the left joystick/button backward.
- **Turn Left:** While moving forward or backward, push the right joystick/button left.
- **Turn Right:** While moving forward or backward, push the right joystick/button right.

### 5.2 Special Features: Opening/Closing Doors

This model features remote-controlled opening and closing doors for added realism.

- Locate the dedicated button(s) on the remote transmitter for door control.
- Press the designated button to open the car doors.
- Press the designated button again to close the car doors.



Image 5.1: The RASTAR BMW i8 RC Car with its doors open, demonstrating the remote-controlled door function.



Image 5.2: Side view of the RASTAR BMW i8 RC Car with doors open, highlighting the detailed interior.

### 5.3 Driving Tips

- Start with slow movements to get accustomed to the controls.
- Practice turning in open spaces before attempting more complex maneuvers.
- Avoid driving on rough terrain, sand, or wet surfaces to prevent damage.
- The car features working front spring suspension for smoother handling on varied surfaces.
- Front LED lights illuminate when driving forward, and rear lights (if present) may activate when reversing.

## 6. MAINTENANCE

### 6.1 Cleaning

- Wipe the car body with a soft, dry cloth after each use to remove dust and dirt.
- Do not use water or chemical cleaners, as they may damage the electronics or paint finish.
- Ensure no debris is lodged in the wheels or axles.

### 6.2 Storage

- Store the RC car and remote in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove all batteries from both the car and the remote if storing for an extended period to prevent leakage and damage.

### 6.3 Front Wheel Alignment

If the car does not drive straight, you may need to adjust the front wheel alignment:

- Locate the steering trim adjustment lever or dial on the underside of the car, near the front wheels.
- While the car is powered on and stationary, slowly adjust the trim until the front wheels are perfectly straight.
- Test the car's movement and fine-tune as necessary.

## 7. TROUBLESHOOTING

If you encounter issues with your RASTAR BMW i8 RC Car, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not move or respond to remote.	<ul style="list-style-type: none"> <li>• Batteries are low or incorrectly installed.</li> <li>• Car or remote power switch is off.</li> <li>• Interference.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace batteries in both car and remote, ensuring correct polarity.</li> <li>• Turn on both power switches.</li> <li>• Move to a different location away from other electronic devices.</li> </ul>
Car moves slowly or erratically.	<ul style="list-style-type: none"> <li>• Low batteries.</li> <li>• Obstruction in wheels/axles.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace batteries.</li> <li>• Check and clear any obstructions.</li> </ul>
Doors do not open/close.	<ul style="list-style-type: none"> <li>• Low batteries in remote.</li> <li>• Mechanism obstruction.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace remote battery.</li> <li>• Check for any physical obstructions preventing door movement.</li> </ul>
Car does not drive straight.	Front wheel alignment needs adjustment.	Adjust the steering trim lever/dial on the underside of the car (refer to Section 6.3).

## 8. SPECIFICATIONS

- **Model Number:** RT71000
- **Scale:** 1:14
- **Dimensions (Car):** Approximately 12.5 inches (Length) x 6 inches (Width) x 3.5 inches (Height)

- **Product Dimensions (Packaging):** 14 x 2 x 5 inches
- **Item Weight:** 2.79 pounds
- **Car Power Source:** 5 x AA batteries (not included)
- **Remote Power Source:** 1 x 9V battery (not included)
- **Control Type:** Full Function Radio Control
- **Special Features:** Remote-controlled opening/closing doors, adjustable front wheel alignment, working front spring suspension, extra bright LED lights, detailed interior and exterior.
- **Manufacturer Recommended Age:** 0 - 6 years

## 9. WARRANTY INFORMATION

RASTAR products are manufactured to high-quality standards. Specific warranty details may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For information regarding potential defects or issues, please contact the retailer or manufacturer directly.

## 10. SUPPORT

For further assistance, technical support, or inquiries not covered in this manual, please refer to the following:

- **Manufacturer Website:** Visit the official RASTAR website for product information and support resources.
- **Retailer Support:** Contact the customer service department of the retailer where you purchased the product.