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› MOCBROPCS 1:10 M4 Champion Remote Control Car Building Kit Instruction Manual

MOCBROPCS 022010-1

MOCBROPCS 1:10 M4 Champion Remote Control Car Building Kit

Model: 022010-1 | Brand: MOCBROPCS

1. INTRODUCTION

This manual provides comprehensive instructions for assembling, operating, and maintaining your MOCBROPCS 1:10 M4 Champion Remote Control Car Building Kit. This advanced construction set allows you to build a detailed replica of an M4 sports car, which can function as both a static display model and a fully remote-controlled vehicle.



Image 1.1: The MOCBROPCS 1:10 M4 Champion Remote Control Car Building Kit, showcasing the assembled model and its remote control capabilities.

1.1 Product Overview

The M4 RC car building kit consists of 1806 precision-engineered pieces, designed to replicate the luxurious look and unique performance of the M4 sports car. The assembled model measures approximately 50 cm (L) x 20 cm (W) x 13 cm (H). It is suitable for individuals aged 12 and above, including teenagers and adults who are enthusiasts of technical building and model cars.

1.2 What's Included

The package contains all necessary components for assembly and operation. Please verify that all items listed below are present before beginning assembly:

- Instruction Manual
- Building Block Bags (various sizes and types)
- Rechargeable Battery
- L Motor
- Servo Motor

- 2.4G Remote Control
- Light Unit
- Lamp Wire



Image 1.2: A visual representation of the kit's contents, including the main electronic components and building block bags.

2. SAFETY INFORMATION

Warning: Choking Hazard - Small Parts. Not suitable for children under 3 years old.

Please keep all small parts out of reach of young children to prevent accidental ingestion. Adult supervision is recommended during assembly and operation, especially for younger users.

3. ASSEMBLY AND SETUP

The MOCBROPCS M4 Champion kit is designed for immersive assembly. Follow the included assembly guide

carefully for step-by-step instructions. The building blocks are made from environmentally friendly ABS material, ensuring durability and precise fit.

3.1 Assembly Process

1. Unpack all components and organize the building block bags according to the assembly guide.
2. Follow the detailed illustrations and instructions in the assembly guide to connect the blocks.
3. Pay close attention to the integration of the L motor, servo motor, and light unit as indicated in the manual.
4. Ensure all connections are secure to prevent parts from detaching during play or display.



Image 3.1: An adult and child engaged in the assembly process, demonstrating the collaborative nature of building the kit.

3.2 Battery Installation and Charging

The kit includes a rechargeable battery. Before first use, ensure the battery is fully charged.

- Locate the battery compartment on the car model as shown in the assembly guide.
- Connect the rechargeable battery to the designated port.
- Use the provided charging cable to charge the battery. Refer to the assembly guide for specific charging indicators and times.

4. OPERATING INSTRUCTIONS

The M4 Champion kit offers a 2-in-1 functionality, allowing it to be used as a static display model or a mobile remote-controlled car.

4.1 Remote Control Operation

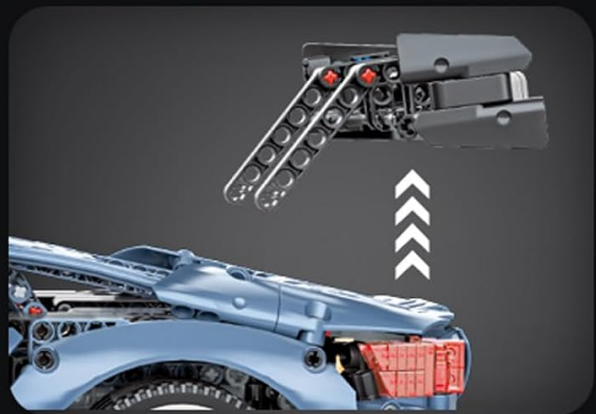
Once assembled and the battery is charged, you can operate the car using the 2.4G remote control.

- Ensure the car's power switch is in the 'ON' position.
- Turn on the remote control. The remote and car should automatically pair.
- Use the joysticks on the remote control to steer the car (forward, backward, left, right).
- The car features front wheel steering connected to the steering wheel, and a movable rear wing for enhanced realism.

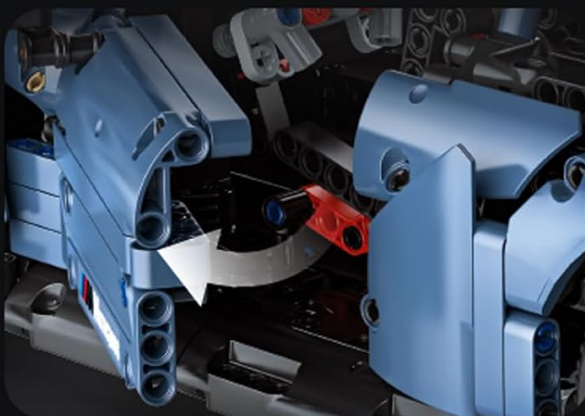
MULTIPLE DETAILS **DISPLAY**



The front cover can be opened



Disassembly tail wing



The door can open



Bright electroplated wheels

Image 4.1: Close-up views of the car's functional details, such as the opening front cover, opening doors, and disassemblable

tail wing.

4.2 App Control (Optional)

For additional operating modes, scan the QR code provided in the assembly guide to download the companion application. The app offers multiple control interfaces and functionalities for the RC car.



Image 4.2: The M4 sports car demonstrating dual control modes via remote control and a mobile application.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MOCBROPCS M4 Champion car.

- **Cleaning:** Use a soft, dry cloth to wipe down the model. Avoid using harsh chemicals or abrasive materials that could damage the plastic.
- **Storage:** Store the car in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For extended storage, it is recommended to partially charge the battery (around 50%) and remove it from the car. Recharge the battery periodically if not in use for long periods.
- **Component Check:** Periodically inspect all connections and moving parts to ensure they are secure and functioning correctly.

6. TROUBLESHOOTING

If you encounter issues with your MOCBROPCS M4 Champion kit, refer to the following common solutions:

Problem	Possible Cause	Solution
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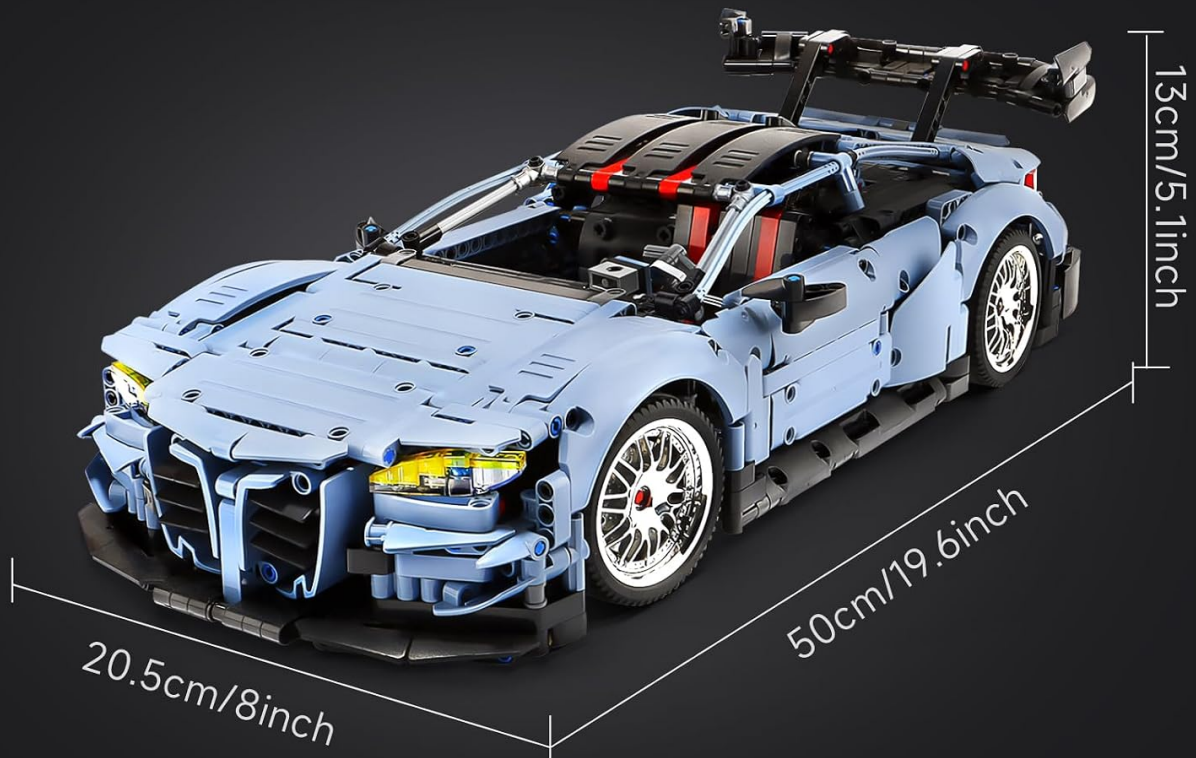
Problem	Possible Cause	Solution
Car does not respond to remote control.	Low battery in car or remote; car/remote not paired; power switch off.	Charge car battery; replace remote control batteries; ensure both car and remote are powered on and paired.
Missing parts during assembly.	Packaging error.	Contact MOCBROPCS customer service for free replacements.
Car moves slowly or inconsistently.	Low battery; obstruction in gears/wheels.	Recharge battery; check for and remove any debris from moving parts.

If the problem persists after attempting these solutions, please contact MOCBROPCS customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	M4 Champion Remote Control Car Building Kit
Model Number	022010-1
Brand	MOCBROPCS
Scale	1:10
Number of Pieces	1806
Product Dimensions (L x W x H)	49.78 x 20.32 x 12.95 cm (19.6 x 8 x 5.1 inches)
Weight	1.81 kilograms
Material	Plastic (ABS)
Recommended Age	6 years and up (Manufacturer recommended); 12+ for optimal experience
Educational Value	Engineering skills, Hand-eye coordination, Intelligence development, Creative thinking
Power Source	Battery operated (rechargeable battery included)
Control Type	2.4G Remote Control, Mobile App Control

PRODUCT SIZE



lamp wire

x1



2.4G lithium battery box

x1



servo motor *Pro*

x1



Large XL motor *Pro*

x1



2.4G remote control *New*

x1

Image 7.1: Detailed product dimensions and included electronic components.

8. WARRANTY AND SUPPORT

MOCBROPCS is committed to providing high-quality products and excellent customer service.

8.1 After-Sales Service

Every batch of goods undergoes double verification to minimize the chance of missing parts. In the event of any missing components, MOCBROPCS provides free replacements. An assembly guide is also provided to assist with the building process.

8.2 Contact Information

Should you have any questions, concerns, or require assistance with your MOCBROPCS M4 Champion kit, please do not hesitate to contact our customer service team. Refer to the product packaging or the official MOCBROPCS website for the most current contact details.

