CaDA C51072W

CaDA RC Racing Building Toy Instruction Manual

Model: C51072W

1. Introduction

This instruction manual provides comprehensive guidance for the assembly, operation, and maintenance of your CaDA RC Racing Building Toy, Model C51072W. This STEM building block set allows you to construct a detailed sports car that can be controlled via both a dedicated 2.4GHz remote control and a smartphone application, offering multiple interactive play modes.

Image: The CaDA RC Racing Building Toy, showcasing the assembled red sports car, its remote control, and the smartphone application interface.

2. Safety Information

- This product is not suitable for children under 3 years old due to small parts which may present a choking hazard.

- Adult supervision is recommended during assembly and operation.

- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

- Ensure all battery compartments are securely closed before use.

- Avoid operating the vehicle near water or in wet conditions to prevent damage to electronic components.

3. What's in the Box

Your CaDA RC Racing Building Toy package includes the following components:

- Building Blocks (approximately 306 pieces)

- RC Chassis / Motor Unit (pre-assembled)

- 2.4GHz Remote Control

- Instruction Manual (this document)

Image: Various building blocks and components of the CaDA RC Racing Building Toy, ready for assembly.

4. Setup

4.1 Assembly

Follow the detailed step-by-step instructions provided in the included physical instruction manual to assemble the sports car using the building blocks. The RC chassis and motor unit come pre-assembled, simplifying the construction process.

4.2 Battery Installation

Ensure batteries are inserted with correct polarity (+/-) as indicated in the compartments.

- **For the Car:** Insert 3 x AA 1.5V batteries (not included) into the battery compartment of the RC chassis.
- **For the Remote Control:** Insert 2 x AAA 1.5V batteries (not included) into the battery compartment of the remote control.

4.3 App Download and Connection

To utilize the advanced app control features, download the CaDA Smart APP:

1. Scan the QR code found on the product packaging or in the video cover image to directly download the

APP.

2. Alternatively, visit the official CaDA website to find the download link.

3. Ensure your smartphone meets the minimum requirements: iOS 12.0 or Android 8.0 and above.

4. Once installed, open the app and follow the on-screen instructions to connect to your RC car via Bluetooth.
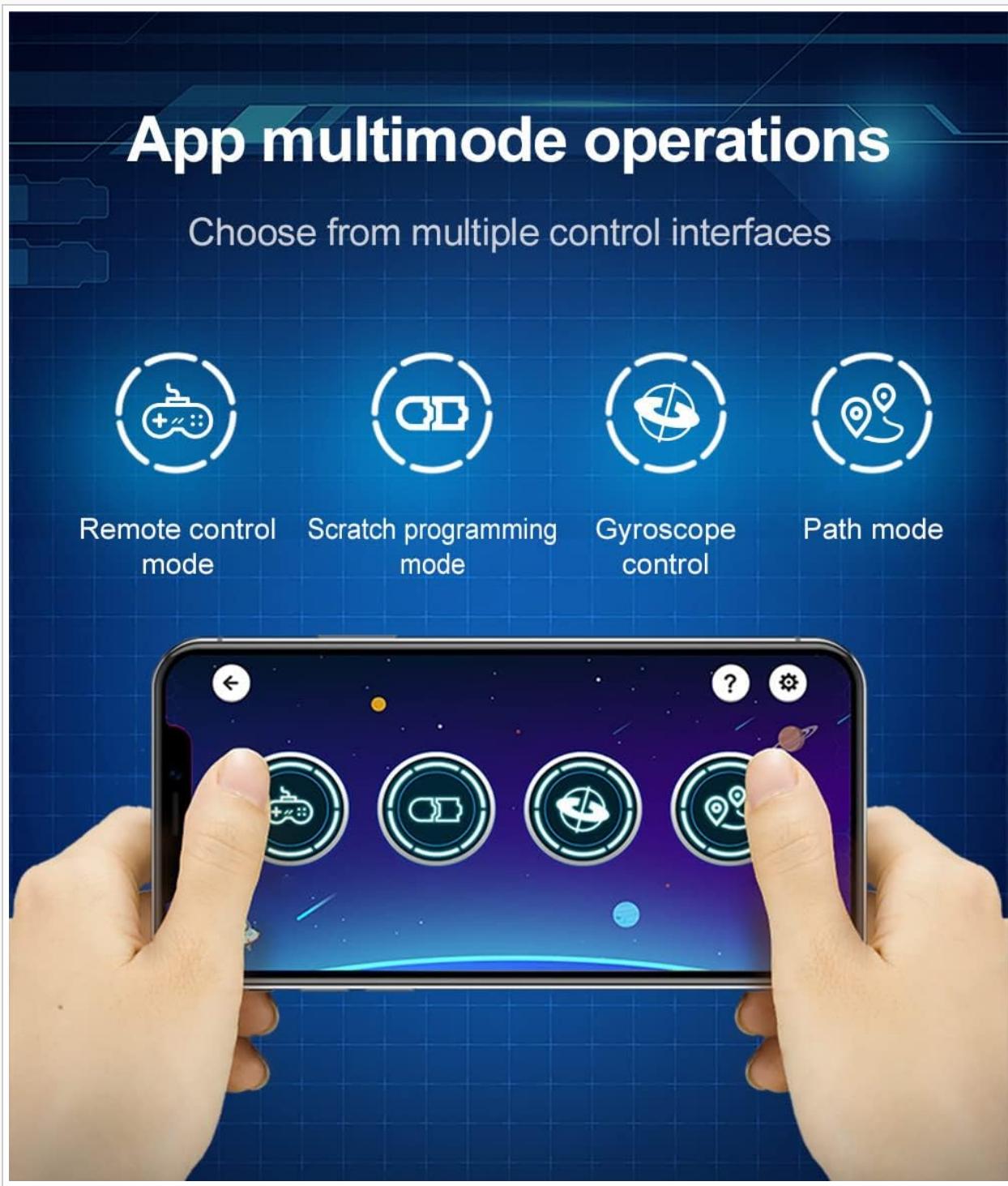

Image: The CaDA Smart app interface displaying various control modes for the RC car.

5. Operating Instructions

5.1 Remote Control Operation

The included 2.4GHz remote control provides intuitive command over your RC car. Ensure both the car and remote have fresh batteries and are powered on.

- **Power Switch:** Located on the remote, turn it on to activate. An indicator light will illuminate.

- **Driving Control:** Use the left joystick to control forward and reverse movement.

- **Steering Control:** Use the right joystick to control left and right steering.

- The remote offers an interference-free system with a range of approximately 25 meters.

Image: Detailed view of the 2.4GHz remote control, highlighting its indicator light, power switch, driving, and steering controls.

5.2 App Control Operation

The CaDA Smart APP unlocks advanced control modes for enhanced playability:

- **Remote Control Mode:** Mimics the physical remote, allowing direct control of movement and steering via your smartphone screen.

- **Scratch Programming Mode:** Drag and drop coding blocks to create custom movement sequences for the car. This mode supports various commands like forward, reverse, turns, and pauses, allowing for creative programming.

- **Gyroscope Control:** Control the car's steering by tilting your smartphone, providing an immersive driving experience.

- **Path Mode:** Draw a path on your smartphone screen, and the car will automatically follow the drawn route.

Video: An official demonstration of the CaDA RC Race Car Building Toy, showcasing its various control modes including remote, app programming, gyroscope, and path control.

6. Maintenance

- Keep the building blocks and RC unit clean and free from dust. Wipe with a dry cloth.

- Avoid exposing the product to extreme temperatures or direct sunlight for prolonged periods.

- If the toy will not be used for an extended period, remove all batteries from both the car and the remote control to prevent leakage and corrosion.

- Store the assembled car and loose blocks in a dry, safe place.

7. Troubleshooting

Problem	Possible Cause	Solution
Car does not move or respond.	Low or dead batteries in car or remote; incorrect battery installation; car/remote not powered on; out of range.	Replace batteries; ensure correct polarity; turn on both devices; move closer to the car.
App connection issues.	Bluetooth not enabled; app not updated; car not powered on; interference.	Enable Bluetooth on your device; update the app to the latest version; ensure car is on; try connecting in a different location.
Car moves erratically or not straight.	Steering trim needs adjustment; loose connections in assembly.	Adjust the steering trim on the remote or within the app; check the assembly of the car, especially the steering components.

8. Specifications

- **Product Name:** RC Racing Building Toy

- **Model Number:** C51072W

- **Brand:** CaDA

- **Pieces:** Approximately 306 PCS

- **Product Dimensions:** 7.9 x 3.7 x 2.1 inches (20.07 x 9.4 x 5.33 cm)

- **Item Weight:** 1.41 pounds (0.64 kg)

- **Manufacturer Recommended Age:** 6 - 12 years

- **Car Battery:** 3 x AA 1.5V (not included)

- **Radio Control Battery:** 2 x AAA 1.5V (not included)

- **Radio Control Range:** Up to 25 meters

- **Vehicle Speed:** ≥3.8 km/h
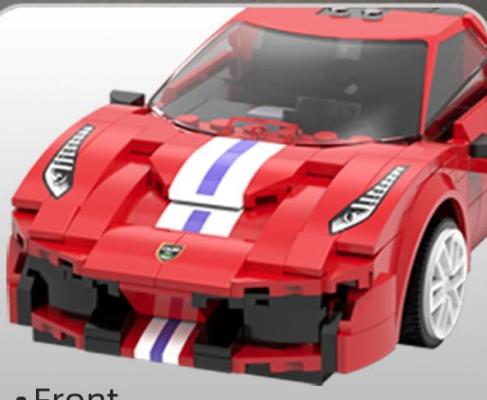
Image: Detailed views of the CaDA C51072W Race Car, highlighting its wheel design and front aesthetics.

9. Warranty and Support

CaDA is committed to customer satisfaction. Our building brick kits are carefully packaged and inspected to ensure quality upon arrival.

- If you encounter any issues with your product, CaDA offers a 100% satisfaction guarantee.

- For after-sales service, questions, or concerns, please contact CaDA customer support. A dedicated representative will aim to answer your questions within 24 hours.

- Please retain your purchase receipt as proof of purchase for warranty claims.

Related Documents - C51072W

	CaDA C61082 Functional Excavator Building Instructions This comprehensive instruction manual guides builders through the assembly of the CaDA C61082 Functional Excavator, a detailed 1702-piece construction toy. Discover the process of building a realistic replica of an excavator with this step-by-step guide from CaDA.
	CaDA C51073W Blue Race Car Building Blocks Assembly Instructions Detailed assembly instructions for the CaDA C51073W Blue Race Car building block set, featuring 325 pieces and dual mode control. Suitable for ages 6+.
	CaDA Mazda 787B 1991 Model Building Kit Instructions Step-by-step assembly instructions for the CaDA C55029 Mazda 787B 1991 model building kit. Learn how to build this detailed replica of the iconic endurance race car.
	CaDA C55052 Velocity Hurricane Building Instructions Step-by-step assembly guide for the CaDA C55052 Velocity Hurricane building toy car. Detailed instructions and parts list for constructing the model.
	CaDA C51307 GT Sport Car Building Kit Assembly Instructions Step-by-step assembly guide for the CaDA C51307 GT Sport Car remote control building block set by DOUBLEEAGLE INDUSTRY (CHINA) LIMITED. Includes part lists and construction details.
	CADA Street Coffee Shop Building Blocks Assembly Instructions C66005 Step-by-step assembly guide for the CADA Street Coffee Shop building block set (C66005), featuring a personal introduction from the designer, Ohsojang.