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## CADFI C51008W

# CADFI Sportscar Construction Set User Manual

Model: C51008W | Brand: CADFI

## 1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the CADFI Sportscar Construction Set, model C51008W. This specific model is a 'CaDA Sportscar' construction block system containing 419 pieces and is recommended for ages 6 and above. It is a remote control model designed to offer an engaging and educational building experience, enhancing imagination, creativity, motor skills, and hand-eye coordination through the assembly of a detailed car model.

The set provides endless hours of fun and entertainment, fostering creativity and manual dexterity. Please read this manual carefully before beginning assembly and operation to ensure proper use and safety.

## 2. SAFETY INFORMATION

Please observe the following safety guidelines:

- For external use only.
- Avoid contact with eyes.
- Keep away from naked flame or direct heat sources.
- Small parts may pose a choking hazard for young children. Adult supervision is recommended, especially for users at the lower end of the recommended age range.

## 3. COMPONENTS AND PARTS

The CaDA Sports car Construction Set (Model C51008W) includes 419 individual pieces, primarily made of durable plastic, designed for interlocking assembly. An assembly tool is also included to aid in construction.



Figure 3.1: Front view of the product packaging, highlighting the CaDA Sports car model and its features.



Figure 3.2: Back view of the product packaging, detailing the educational benefits and STEAM support.

Before starting assembly, unpack all components and verify that all 419 pieces are present. It is recommended to sort pieces by type or color for easier identification during the building process.

## 4. SETUP AND ASSEMBLY

The CADFI Sportscar is a construction block system that requires assembly. Follow the detailed, step-by-step visual instructions provided in the separate assembly guide included in the box. This guide will illustrate the precise placement of each of the 419 pieces.

1. **Preparation:** Clear a well-lit, spacious work area. Open all bags containing the building blocks.
2. **Sorting:** For a smoother building experience, sort the pieces by color, size, or type as indicated in the assembly guide.
3. **Follow Instructions:** Adhere strictly to the sequence and instructions in the assembly guide. Each step builds upon the previous one.
4. **Secure Connections:** Ensure all pieces are correctly oriented and securely connected to prevent the model from falling apart during play. Use the included assembly tool for tighter connections if needed.
5. **Battery Installation:** Once the car chassis is complete, install the rechargeable battery pack into the designated compartment as shown in the assembly guide.

## 5. OPERATING INSTRUCTIONS

Once assembled, the CADFI Sportscar can be operated using the included remote control.

1. **Charge Car Battery:** Connect the car's internal battery to the provided USB charger. Allow sufficient time for a full charge as indicated by the charger's LED indicator.
2. **Install Remote Control Batteries:** Insert the required batteries (not specified in input, assume standard AA/AAA) into the remote control unit, observing correct polarity.
3. **Power On:** Turn on the power switch on both the assembled car model and the remote control.
4. **Pairing:** Follow the specific pairing instructions detailed in the separate assembly guide to establish a connection between the car and the remote control. This usually involves a sequence of power-on and button presses.
5. **Control:** Use the remote control's joysticks to maneuver the vehicle. Typically, one joystick controls forward/backward motion, and the other controls left/right steering.

## 6. MAINTENANCE

Proper maintenance will extend the lifespan of your CADFI Sportscar construction set:

- **Cleaning:** Keep the product clean by wiping it with a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the assembled model or disassembled parts in a dry, dust-free environment, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check for any loose connections, damaged pieces, or worn parts. Replace any damaged components to maintain optimal performance and safety.
- **Battery Care:** When not in use for extended periods, remove batteries from the remote control. For the car's rechargeable battery, follow the charging and storage guidelines provided with the battery or charger.

## 7. TROUBLESHOOTING

If you encounter issues with your CADFI Sportscar, refer to the following common troubleshooting steps:

- **Car Does Not Move:**
  - Check if the car's rechargeable battery is fully charged.
  - Ensure batteries in the remote control are correctly installed and have sufficient power.
  - Verify that the car and remote control are properly paired according to the assembly guide.
  - Confirm all electrical connections within the assembled car are secure.
- **Car Moves Erratically or Not Responding:**

- Check for interference from other electronic devices.
  - Ensure the remote control is within the effective operating range of the car.
  - Re-pair the remote control with the car.
- **Missing or Damaged Parts:**
    - If you discover missing or damaged parts upon opening the box, please contact CADFI customer support immediately.

## 8. SPECIFICATIONS

Feature	Detail
Product Dimensions	30 x 10 x 5 cm; 1 kg
Item Model Number	C51008W
Manufacturer Recommended Age	6+ years
Number of Puzzle Pieces	419
Assembly Required	Yes
Batteries Required	Yes (for car and remote control)
Material Type	Plastic
Remote Control Included	Yes
Color	MULTI COCLOR
Educational Objective(s)	Hand Eye Coordination, Motor Skill
Date First Available	9 October 2021



Figure 8.1: Product dimensions as shown on packaging.

## 9. WARRANTY AND SUPPORT

For product support, inquiries about missing parts, or any other assistance, please refer to the contact information provided on the product packaging or visit the official CADFI website. Please retain your proof of purchase for any warranty claims, if applicable.