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**W WISE BLOCK EC389201**

# W WISE BLOCK Robot Building Kit (Model EC389201) Instruction Manual

STEM Robotics for Kids Ages 8-12

## 1. INTRODUCTION

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Thank you for choosing the W WISE BLOCK Robot Building Kit. This 533-piece STEM robotics set is designed to engage young minds aged 8-12 in hands-on learning, fostering creativity, logical thinking, and engineering skills. With the ability to construct four distinct robot styles, this kit provides endless opportunities for imaginative play and exploration of mechanics and remote control technology.

## MULTIPLE FORMS TRANSFORMATION

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533 PCS 4 IN 1

FORM-2 ▶



FORM-3 ▶



FORM-4 ▶



Image 1.1: The W WISE BLOCK Robot Building Kit, showcasing its 4-in-1 creative styling options including E-BOT engineer type, Black Blade E-01 melee fighter, Wall Breaker with a powerful drill, and Red Laser Tank.

## 2. SAFETY INFORMATION

- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years due to choking hazards. Adult supervision is recommended during assembly and play for all ages.
- **Battery Safety:** Ensure batteries are inserted with correct polarity. Do not mix old and new batteries, or different types of batteries. Remove batteries if the toy is not used for an extended period.
- **Material Safety:** The kit is made from high-quality, non-toxic ABS plastic.
- **Electrical Components:** Handle electronic components with care. Do not expose to water or extreme temperatures.

## 3. PACKAGE CONTENTS

Before beginning assembly, please verify that all components are present in your kit:

- 533 Building Pieces (various shapes and colors)
- 1 x Battery Box
- 1 x 2.4GHz Remote Control
- 2 x Instruction Manuals (for different build options)
- 1 x Sticker Sheet



Image 3.1: All components included in the W WISE BLOCK Robot Building Kit, neatly packaged and ready for assembly.

## 4. ASSEMBLY INSTRUCTIONS

The kit includes two detailed instruction manuals. Each manual guides you through the construction of different robot configurations. Follow the step-by-step diagrams carefully. It is recommended to sort pieces by color and type before starting to facilitate the building process.

### General Assembly Tips:

- Refer to the numbered bags for corresponding steps in the manual.
- Ensure all connections are firm to prevent parts from detaching during play.

- If a piece is difficult to connect, apply gentle, even pressure.

*Video 4.1: An overview of the W WISE BLOCK Robot Building Kit, demonstrating the various forms and features of the robot. This video provides a visual guide to the completed models and their capabilities.*

*Video 4.2: A detailed build and play demonstration of the W WISE BLOCK Robot Building Kit, highlighting the assembly process and showcasing the robot in action. This video is useful for understanding the construction steps and operational features.*

## 5. OPERATING INSTRUCTIONS

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Once your robot is fully assembled, it's ready for action! The 2.4GHz remote control provides responsive and long-range operation.

### 5.1 Powering On:

1. Insert the required batteries into the battery box (not included).
2. Connect the battery box to the robot as indicated in the assembly manual.
3. Press and hold the power button on the battery box for approximately 3 seconds until the indicator light illuminates.
4. Ensure the remote control also has batteries inserted. The remote control's indicator light will stop blinking once it successfully pairs with the robot.

### 5.2 Remote Control Functions:

The 2.4GHz remote control allows for precise movement and activation of various robot features.

- **Movement:** Use the joysticks/buttons to control forward, backward, left, and right movements of the robot's tracks.
- **Head Rotation:** The robot's head can rotate 360 degrees, allowing for dynamic posing and interaction.
- **Flexible Arms/Weapons:** Depending on the assembled model, the robot's arms, drill, or claw can spin automatically or be adjusted for various actions.



*Image 5.1: The 2.4GHz remote control for the W WISE BLOCK Robot, emphasizing its high-performance control and the robot's strong endurance.*



Image 5.2: Key features of the W WISE BLOCK Robot, including its 360-degree rotating head, adjustable arms, flexible joints, and functional tracks, enabling realistic motion.

## 6. MAINTENANCE

- **Cleaning:** Wipe the robot and remote control with a dry, soft cloth. Do not use harsh chemicals or immerse in water.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight when not in use.
- **Battery Care:** Remove batteries from both the robot and remote control if storing for extended periods to prevent leakage.
- **Part Inspection:** Periodically check for any loose or damaged parts. Replace if necessary to ensure safe operation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Robot does not turn on.	Batteries are dead or incorrectly inserted.	Check battery polarity and replace with fresh batteries. Ensure the power button on the battery box is pressed.
Remote control does not connect.	Remote control batteries are low or not paired.	Replace remote control batteries. Ensure both robot and remote are powered on and within range for automatic pairing.
Robot moves erratically or slowly.	Low batteries or loose connections.	Replace batteries in both robot and remote. Check all assembled parts for secure connections.
Parts detach during play.	Incomplete or loose assembly.	Re-examine the assembly steps for the detached section and ensure all pieces are firmly connected.

## 8. SPECIFICATIONS

- **Brand:** W WISE BLOCK
- **Model Number:** EC389201
- **Number of Pieces:** 533
- **Recommended Age:** 8-12 years
- **Material:** High-quality, non-toxic ABS Plastic
- **Control:** 2.4GHz Remote Control
- **Power Source:** Battery (not included)
- **Dimensions:** 11 x 6.8 x 10.23 inches (assembled E-BOT)
- **Educational Objective:** Analytical Skill, Cognitive Development

## 9. WARRANTY AND SUPPORT

W WISE BLOCK is committed to providing high-quality products. For any questions, concerns, or support needs regarding your Robot Building Kit, please contact our customer service team. Please retain your proof of purchase for warranty claims.

*Contact information for support can typically be found on the product packaging or the official W WISE BLOCK website.*