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› anysun 5 in 1 STEM Robot Building Kit Instruction Manual

anysun B0DCF9LYR4

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Model: B0DCF9LYR4

1. INTRODUCTION

Thank you for choosing the anysun 5 in 1 STEM Robot Building Kit. This comprehensive set is designed to inspire creativity and enhance STEM skills in children aged 8-12. With over 500 pieces, it allows for the construction of five distinct models: a robot, tracked vehicle, dragon car, off-road vehicle, and bulldozer. The kit features dual control modes, including a 2.4GHz remote control and a mobile application, offering versatile and engaging play experiences. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure a rewarding experience.



Image: The anysun 5-in-1 STEM Robot Building Kit, showcasing the five distinct models that can be built, along with the remote control and app interface for operation.

2. SAFETY INFORMATION

Please read all safety instructions carefully before assembly and operation. Retain this manual for future reference.

- **Age Recommendation:** This product is recommended for children aged 8 years and up.
- **Small Parts Warning:** The kit contains small parts which may pose a choking hazard for children under 3 years. Adult supervision is required during assembly and play.
- **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 will not be used for an extended period. Dispose of batteries responsibly.
- **Electrical Components:** Do not expose electrical components to water or extreme temperatures.
- **Assembly:** Follow the assembly instructions precisely. Do not force parts together.
- **Usage Environment:** Operate the robot on flat, clear surfaces to prevent damage or injury.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. The anysun 5 in 1 STEM Robot Building Kit includes:

- 539 Building Pieces
- 1 x Main Control Unit
- 1 x 2.4GHz Remote Control
- 1 x Instruction Manual
- 1 x USB Charging Cable (for main control unit)

If any parts are missing or damaged, please contact anysun customer support.

4. ASSEMBLY INSTRUCTIONS

The anysun 5 in 1 STEM Robot Building Kit provides the flexibility to construct five unique models. A detailed, step-by-step instruction manual is included in the box to guide you through the assembly process for each model. It is highly recommended to follow these instructions carefully to ensure correct construction and functionality.

General Assembly Tips:

- **Organize Parts:** Before starting, sort the 539 pieces by type or color to make the assembly process smoother.
- **Follow Steps Sequentially:** Adhere strictly to the numbered steps in the instruction manual. Do not skip steps.
- **Check Connections:** Ensure all connections are firm and secure. Loose connections can affect the model's stability and functionality.
- **Patience is Key:** Building complex models requires patience. Take breaks if needed.
- **Adult Supervision:** For younger builders, adult assistance can be beneficial, fostering a collaborative and educational experience.

BUILD 539 PIECES

Easy to Follow Instructions



Image: A child's hands are shown assembling parts of the robot kit, with the instruction manual open beside them, illustrating the detailed building process.

The Five Models:

1. **Robot:** A humanoid-like robot with articulated limbs.
2. **Tracked Vehicle:** A robust vehicle designed for various terrains.
3. **Dragon Car:** A unique, dragon-inspired vehicle.
4. **Off-Road Vehicle:** A sturdy vehicle built for adventurous play.
5. **Bulldozer:** A construction-themed model with functional parts.



Image: The 'Steel Flame Dragon' model, one of the five configurations, is displayed on a rugged, rocky landscape, highlighting its design.

5. OPERATING INSTRUCTIONS

Your anysun STEM Robot Building Kit offers versatile control options for an engaging play experience.

5.1 Powering On

- Ensure the main control unit is fully charged. Connect the USB charging cable to the unit and a power source until the indicator light shows full charge.
- Turn on the power switch on the main control unit of your assembled model.

5.2 Dual Control Modes

The robot can be controlled using either the included 2.4GHz remote control or a dedicated mobile application.

5.2.1 Remote Control Operation

- Insert 2 x AAA batteries (not included) into the remote control, ensuring correct polarity.
- Turn on the remote control. It will automatically pair with the main control unit.
- Use the joysticks and buttons on the remote to control the robot's movement (forward, backward, left, right) and perform 360-degree rotating stunts.

5.2.2 Mobile App Control

- Download the official anysun control app from your device's app store (iOS/Android).
- Enable Bluetooth on your mobile device.
- Open the app and follow the on-screen instructions to connect to your robot.
- The app offers multiple control modes:
 - **Remote Control Mode:** Virtual joysticks for direct movement.
 - **Path Tracing:** Draw a path on the screen, and the robot will follow it.
 - **Gravity Sensor:** Control the robot by tilting your mobile device.
 - **Programmed Commands:** Use a block-based coding interface to program custom sequences of movements and actions.



Image: A user is shown interacting with the robot via a smartphone app, demonstrating the versatile control modes including remote, gravity sensor, path programming, and block-based programming.

6. MAINTENANCE

Proper maintenance will extend the lifespan of your anysun STEM Robot Building Kit.

- **Cleaning:** Use a soft, dry cloth to wipe down the building pieces and electronic components. Do not use water or harsh cleaning agents.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight and extreme temperatures. Keep all pieces organized to prevent loss.
- **Battery Care:** Remove batteries from the remote control and main control unit if the product will not be used for an extended period to prevent leakage.
- **Component Inspection:** Periodically check for any loose or damaged parts. Replace or repair as necessary.

7. TROUBLESHOOTING

If you encounter any issues with your anysun STEM Robot Building Kit, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Robot does not move or respond.	Low battery in main unit or remote control. Not powered on. Loose connections.	Charge the main control unit. Replace batteries in the remote control. Ensure power switches are ON. Check all electrical connections are secure.
App cannot connect to the robot.	Bluetooth is off. Robot is not powered on. App is outdated.	Ensure Bluetooth is enabled on your device. Turn on the robot's main control unit. Update the app to the latest version. Restart both the app and the robot.
Parts do not fit together.	Incorrect orientation or wrong part.	Refer to the instruction manual to verify the correct part and orientation. Do not force parts.
Robot moves erratically.	Interference. Low battery.	Move to an area with less electronic interference. Ensure batteries are fully charged.

If the problem persists after trying these solutions, please contact anysun customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	6 x 4.99 x 5 inches
Item Weight	2.2 pounds
ASIN	B0DCF9LYR4
Manufacturer Recommended Age	8 years and up
Number of Pieces	539
Control Modes	2.4GHz Remote Control, Mobile App (Remote, Path Tracing, Gravity Sensor, Programmed Commands)
Manufacturer	anysun

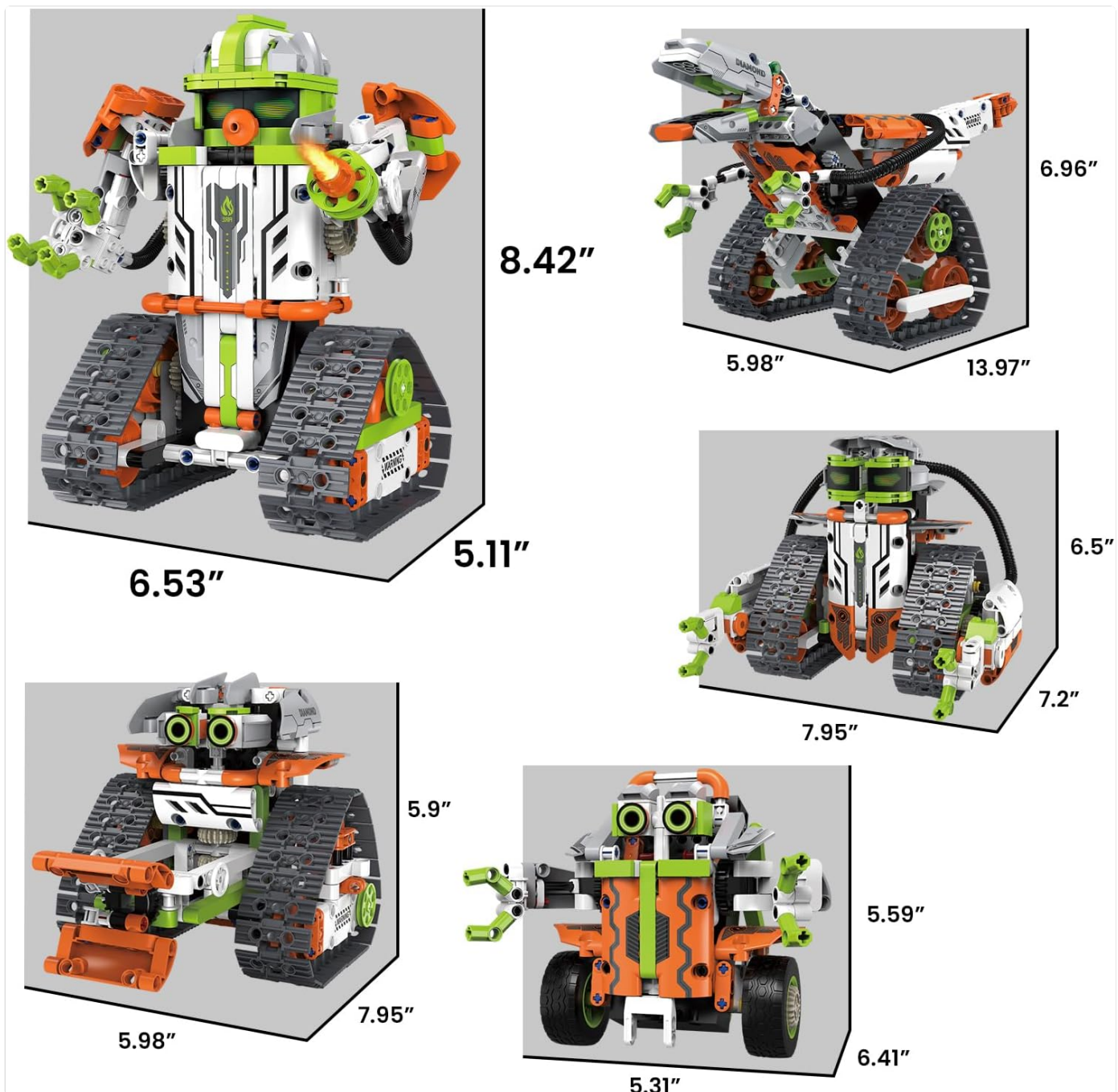


Image: A visual representation detailing the dimensions (height, width, length) of each of the five distinct robot models that can be constructed from the kit.

9. WARRANTY AND SUPPORT

anysun is committed to providing high-quality products. While specific warranty details are not provided in this manual, we encourage you to contact our customer support team for any product-related inquiries, technical assistance, or concerns regarding missing/damaged parts.

For support, please visit the anysun official store or contact us through the platform where you purchased the product. Please have your product model number (B0DCF9LYR4) and purchase details ready when contacting support.

We value your feedback and are here to help ensure your satisfaction with the anysun 5 in 1 STEM Robot Building Kit.

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Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question