

## Sillbird Sillbird Robot Building Kit 2-red (B0CCRBB18G)

# Sillbird Robot Building Kit Instruction Manual

Model: 2-red (ASIN: B0CCRBB18G)

Brand: Sillbird

## 1. INTRODUCTION AND OVERVIEW

The Sillbird Robot Building Kit is an innovative STEM (Science, Technology, Engineering, and Mathematics) toy designed to foster creativity, problem-solving skills, and an understanding of robotics and basic programming. This kit allows for the construction of four distinct models, ranging in complexity, providing a progressive building experience. It features both remote control and app-based control, offering customizable speed and eye light color options for an engaging play experience.

# STEM Gift for Growing Minds



Image: A family smiling and interacting with the assembled Sillbird robot on a table, demonstrating the STEM learning aspect.

## 2. WHAT'S IN THE BOX

Upon unboxing your Sillbird Robot Building Kit, please verify that all components are present. The package typically includes:

- 631 Building Pieces (various shapes and sizes, including electroplated and black-red parts)
- Main Control Unit with Built-in Rechargeable Battery
- Remote Control
- USB Charging Cable
- Detailed Step-by-Step Instruction Manual
- Exclusive Pattern Stickers
- Small Screwdriver (for battery compartment access, if applicable)

## 3. SETUP AND ASSEMBLY



Before beginning assembly, ensure you have a clean, well-lit workspace. It is recommended to sort the building pieces by type or color to facilitate the process.

### 3.1 Initial Charging

The main control unit contains a built-in rechargeable battery. Before first use, fully charge the unit using the provided USB charging cable. Connect the cable to the charging port on the control unit and a standard USB power source (e.g., computer USB port, wall adapter). The charging indicator light will provide feedback on the charging status.

### 3.2 Remote Control Battery Installation

The remote control requires 1 D battery (included). Locate the battery compartment on the back of the remote control. Use the small screwdriver to open the compartment, insert the battery, ensuring correct polarity (+/-), and then securely close the compartment.

### 3.3 Building the Models

This kit offers the flexibility to build four distinct models. Refer to the included colorful, step-by-step instruction manual for detailed guidance. Each model presents a different level of difficulty, allowing for a progressive building challenge.

## Initiate Coding with App





**Model A (541 PCS):** The most complex build, offering a comprehensive robotic experience. Follow the instructions carefully for this detailed assembly.

**Model B (343 PCS):** A moderately challenging build, providing a good balance between complexity and assembly time.

**Model C (338 PCS):** A simpler tracked racer car model, ideal for introducing basic mechanics and movement.

**Model D (256 PCS):** The simplest model, perfect for quick assembly and immediate play.

# Unlock Adventures with Remote Control

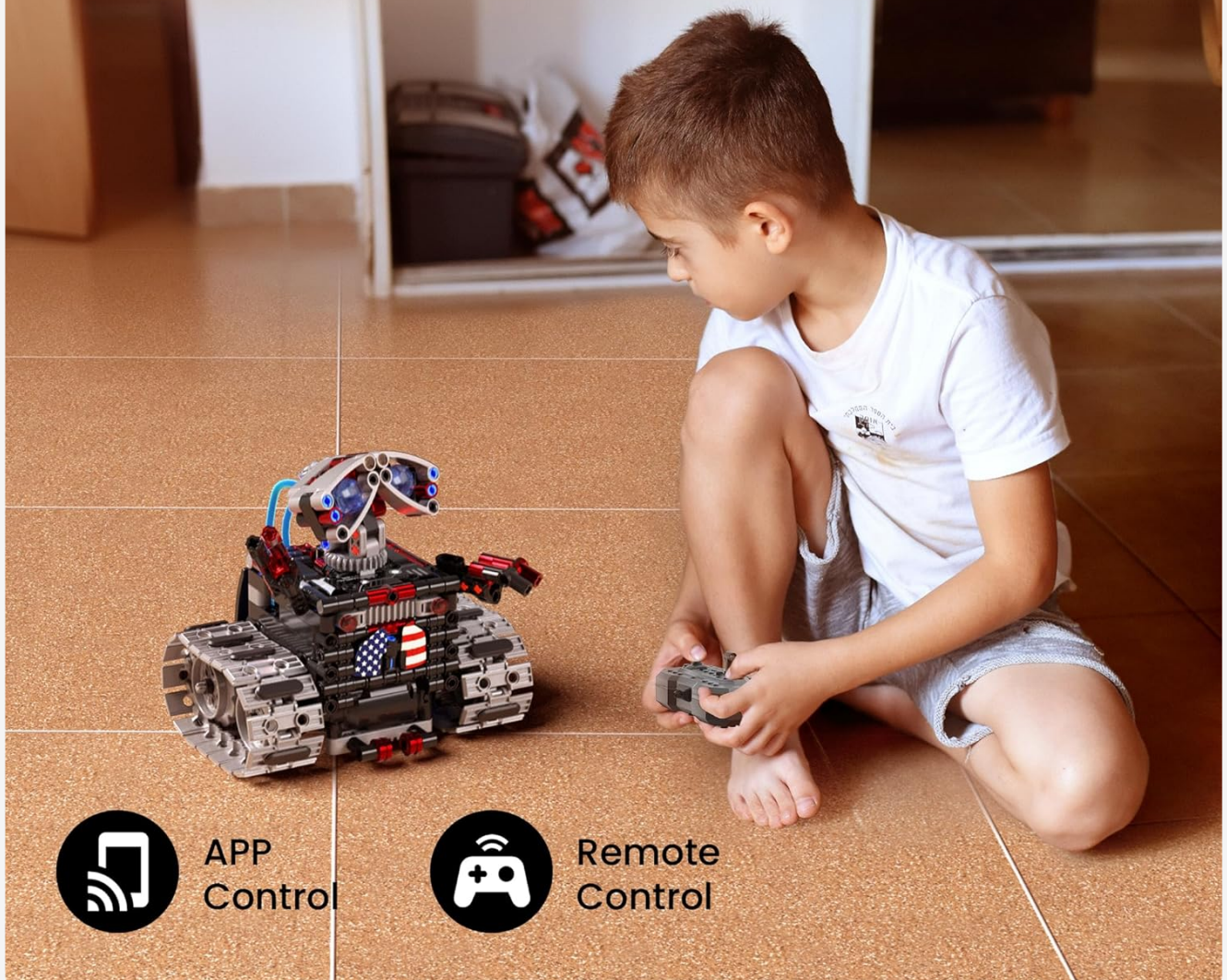


Image: A father and son are engaged in building the robot kit, illustrating the clear instructions and collaborative building experience.

## 4. OPERATING INSTRUCTIONS

Once your robot is assembled and charged, you can control it using either the included remote control or the dedicated mobile application.

### 4.1 Remote Control Operation

Turn on the robot by pressing the power button on the main control unit. Turn on the remote control. The robot and remote should automatically pair. Use the joysticks and buttons on the remote to control the robot's movement

(forward, backward, turn, spin) and activate specific functions depending on the model built.

# Race, Drift, and Spin, 2X Faster!



Image: A young boy is sitting on the floor, operating the Sillbird robot with a remote control, showcasing interactive play.

## 4.2 App Control and Customization

Download the official Sillbird app from your device's app store. Ensure Bluetooth is enabled on your mobile device. Open the app and follow the on-screen instructions to connect to your robot. The app provides advanced control options and customization features:

- **Speed Adjustment:** Control the robot's movement speed with precision.
- **Eye Light Color Customization:** Choose from 8 different eye light colors to personalize your robot's appearance.
- **Basic Programming/Coding:** The app allows for simple coding sequences to program the robot's movements, introducing fundamental programming concepts.



# 4 Build Choices! From Easy Builds to Advanced



Image: A boy is lying on the floor, using a tablet to interact with the Sillbird robot, demonstrating the app control and coding features.

## 5. CHARGING AND BATTERY LIFE

The robot's main control unit is equipped with a rechargeable battery designed for extended play. A full charge provides up to 30 minutes of continuous play, depending on usage intensity.

- To charge, connect the provided USB cable to the control unit and a power source.
- Charging time may vary. Ensure the unit is fully charged before each play session for optimal performance.
- Avoid overcharging the battery.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Sillbird Robot Building Kit.

- **Cleaning:** Use a soft, dry cloth to wipe down the building pieces and electronic components. Avoid using water or harsh cleaning agents, as they can damage the electronics.

- **Storage:** Store the kit in a cool, dry place away from direct sunlight and extreme temperatures. If disassembling the models, keep all pieces organized to prevent loss.
- **Battery Care:** If the robot will not be used for an extended period, it is advisable to partially charge the battery (around 50%) before storage and recharge it every few months to maintain battery health. Remove the D battery from the remote control during long storage periods.
- **Joints and Connections:** Periodically check all connections and joints to ensure they are secure. Loose connections can affect movement and stability.

## 7. TROUBLESHOOTING

If you encounter issues with your Sillbird Robot Building Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on or respond.	Low battery; Power switch off; Remote control battery low/incorrectly installed; No connection.	Charge the robot's main unit. Ensure power switch is ON. Check/replace remote control battery and ensure correct polarity. Re-pair robot and remote/app.
Robot moves slowly or erratically.	Low battery; Loose connections in assembly; Obstruction in tracks/wheels.	Recharge the robot. Inspect all building connections for tightness. Clear any debris from tracks or moving parts.
App cannot connect to the robot.	Bluetooth off; App not updated; Robot not powered on.	Ensure Bluetooth is enabled on your device. Update the app to the latest version. Confirm the robot is powered on. Restart both the app and robot.
Parts fall off easily during play.	Incorrect assembly; Loose connections.	Refer to the instruction manual and re-assemble the problematic sections, ensuring all pieces are firmly clicked into place.

## 8. SPECIFICATIONS

- **Model:** Sillbird Robot Building Kit 2-red
- **ASIN:** B0CCRBB18G
- **Number of Pieces:** 631
- **Recommended Age:** 6 years and up (Manufacturer recommended), 8-12 years (Product description)
- **Power Source:** Rechargeable battery (main unit), 1 D battery (remote control, included)
- **Playtime:** Up to 30 minutes on a single charge
- **Control Methods:** Remote Control, Mobile App
- **Dimensions (Package):** 12.95 x 8.94 x 2.76 inches
- **Item Weight:** 2.24 pounds
- **Manufacturer:** Sillbird

## 9. WARRANTY AND SUPPORT

Sillbird is committed to providing high-quality products and customer satisfaction. For any inquiries, technical

assistance, or warranty claims, please contact our customer support team.

**Customer Support Email:** [service@sillbird.com](mailto:service@sillbird.com)




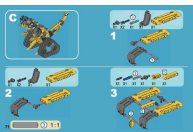
Emails are typically replied to within 24 hours.

For more information and additional resources, please visit the official Sillbird store on Amazon:[Sillbird Amazon Store](#)

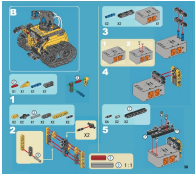


© 2025 Sillbird. All rights reserved.

**Related Documents - Sillbird Robot Building Kit 2-red (B0CCRBB18G)**

	<p><a href="#">Sillbird Ranger-X Rextor Model A STEM Building Kit Instructions</a></p> <p>Detailed building instructions for the Sillbird Ranger-X Rextor Model A, a 646-piece STEM toy robot kit with 5 modes and R/C functionality. Includes parts lists and step-by-step assembly guides.</p>
	<p><a href="#">Sillbird 12-in-1 STEM Solar Robot Building Kit - Educational &amp; Fun</a></p> <p>Explore STEM with the Sillbird 12-in-1 Solar Robot Building Kit. This educational toy allows kids to build 12 different robots powered by the sun, no batteries needed. Perfect for ages 8-13, fostering creativity and environmental awareness.</p>
	<p><a href="#">Sillbird Yellow Thunderbolt 2-in-1 Robot &amp; Racing Car Building Set Instructions</a></p> <p>Detailed assembly instructions for the Sillbird Yellow Thunderbolt 2-in-1 building toy set. Build a transforming robot or a Technic racing car. Ideal for kids aged 8-12, featuring 998 pieces for creative STEM play.</p>
	<p><a href="#">Sillbird B883 C Building Instructions: Advanced Tracked Robot Model</a></p> <p>Detailed step-by-step building instructions for the Sillbird B883 C tracked robot model. Learn how to assemble this complex toy set with clear diagrams and part lists, transforming it into a functional tracked vehicle.</p>
	<p><a href="#">Sillbird Solios-Nova 15-in-1 Building Instructions and Parts Guide</a></p> <p>Comprehensive assembly instructions and parts list for the Sillbird Solios-Nova 15-in-1 robot building kit, featuring guides for constructing various models like racing cars, motorcycles, tanks, and robots, along with important safety and warranty information.</p>





### [Sillbird B886 Robot Building Instructions](#)

Detailed building instructions for the Sillbird B886 robot, featuring step-by-step assembly guides and part lists.