

Sillbird CA-B891

Sillbird Robot Building Kit

INSTRUCTION MANUAL

1. INTRODUCTION

Thank you for choosing the Sillbird Robot Building Kit. This comprehensive manual provides detailed instructions for assembling, operating, and maintaining your new STEM coding robotics toy. Designed for ages 8 and up, this kit encourages creativity, problem-solving, and basic coding skills through interactive play.

Key features of your Sillbird Robot Building Kit include:

- 435 pieces for building and customizing robots.
- 5-in-1 buildable models, including a robot, dinosaur, stunt car, and tank.
- Expressive LED eyes and fun sound effects.
- Control via remote control or mobile app (Bluetooth).
- Rechargeable battery for extended playtime.

2. SAFETY INFORMATION

Please read all safety instructions before assembly and operation to ensure a safe and enjoyable experience. This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.

- Always supervise children during assembly and play.
- Do not expose the product to water or excessive moisture.
- Keep away from heat sources and open flames.
- Do not attempt to modify or disassemble the internal components of the robot or remote control.
- Ensure the battery is charged using the provided charging cable and a compatible power source.

3. PACKAGE CONTENTS

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

- 435 x Building Pieces (various shapes and sizes)
- 1 x Main Control Unit (with rechargeable battery included)
- 1 x Remote Control
- 1 x USB Charging Cable
- 1 x Instruction Manual (this document)
- Additional decorative stickers (optional)



Image: The complete Sillbird Robot Building Kit, showcasing the main robot model, four alternative models, the remote control, and a smartphone displaying the app interface.

4. ASSEMBLY INSTRUCTIONS

The Sillbird Robot Building Kit offers five different models to construct. Detailed, step-by-step instructions for each model are provided in the included physical instruction manual. We recommend starting with Model A for beginners.

4.1 General Assembly Tips

- Organize your pieces before starting.
- Follow the diagrams carefully, paying attention to piece orientation.
- Ensure all connections are secure to prevent parts from detaching during play.
- If you encounter difficulty, re-check previous steps or consult the troubleshooting section.

5 Fun Builds! From Beginner to Expert



Image: A visual guide illustrating the five distinct robot models that can be built from the kit, along with their respective piece counts and suggested difficulty levels.

Clear Guides for Easy Builds! Perfect Family Time



Image: An adult and a child collaboratively assembling the robot, with the instruction manual open on the table, emphasizing clear guides for easy and fun assembly.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Locate the power switch on the main control unit of the robot.
- Slide the switch to the 'ON' position to power on the robot. The LED eyes will illuminate.
- To power off, slide the switch to the 'OFF' position.

5.2 Charging the Battery

The robot is equipped with a rechargeable battery. A full charge provides up to 40 minutes of continuous play.

- Connect the USB charging cable to the charging port on the robot.
- Connect the other end of the USB cable to a compatible USB power source (e.g., computer, wall adapter).

- The charging indicator light will show the charging status (refer to the physical manual for specific light indications).
- Once fully charged, disconnect the cable.

5.3 Control Methods: Remote Control & App Control

Your robot can be controlled using either the included remote control or a dedicated mobile application via Bluetooth.

5.3.1 Remote Control Operation

- Ensure the remote control has fresh batteries installed (not included).
- Turn on the robot.
- The remote control should automatically pair with the robot. If not, refer to the pairing instructions in the physical manual.
- Use the joysticks and buttons on the remote to control the robot's movement and actions.



Image: A child on the floor, actively controlling the robot with the remote control, demonstrating interactive play.

5.3.2 App Control & Basic Coding

- Download the official Sillbird robot control app from your device's app store.
- Enable Bluetooth on your mobile device.
- Open the app and follow the on-screen instructions to connect to your robot.
- The app allows for direct control and introduces basic block-based coding functionalities to program the robot's movements and behaviors.

App-Controlled Play, Basic Coding for Creative Minds



Image: A child looking at a smartphone, which displays the robot control app interface, with the robot positioned on a table, illustrating app-controlled play and basic coding.

5.4 Expressive LED Eyes & Sounds

The robot features dynamic LED eyes that change expressions and integrated sound effects to enhance the play experience.

- The LED eyes will display various patterns and expressions based on the robot's actions or programmed commands.
- To turn the built-in sound on or off, locate the small black button next to the power switch on the main control unit and press it.

Interactive Excitement in Every Eye and Sound



Image: A close-up of the robot's head, showing its LED eyes capable of displaying various expressive patterns, highlighting interactive excitement.

6. MAINTENANCE

6.1 Cleaning

- Wipe the robot and remote control with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Avoid getting water into electronic components.

6.2 Storage

- Store the kit in a cool, dry place away from direct sunlight.
- If storing for an extended period, ensure the battery is partially charged (around 50%) and turn off the robot.
- Keep all pieces organized in the original packaging or a suitable storage container to prevent loss.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Robot does not turn on.	Battery is low or depleted.	Charge the robot's battery using the provided USB cable.
Robot does not respond to remote control.	Remote control batteries are low or incorrectly inserted. Robot and remote are not paired.	Replace remote control batteries. Ensure robot is on. Refer to the physical manual for pairing instructions.
Robot moves erratically or parts fall off.	Assembly errors; connections are not secure.	Review assembly steps in the manual and ensure all pieces are firmly connected.
Sound is not working.	Sound feature is turned off.	Press the small black button next to the power switch to toggle the sound on.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	CA-B891
Product Dimensions	7 x 8 x 6 inches
Item Weight	2.29 pounds
Recommended Age	8 years and up
Battery Type	Rechargeable (1 D battery required, included)
Control Methods	Remote Control, Bluetooth App Control
Number of Pieces	435
Build Models	5-in-1 (Robot, Dinosaur, Stunt Car, Tank, etc.)

9. WARRANTY AND SUPPORT

Sillbird is committed to providing high-quality products and excellent customer service. While specific warranty details are provided with your purchase documentation, we offer dedicated support for any questions or concerns you may have.

For assistance, troubleshooting, or inquiries, please contact our customer support team:

- Email: service@sillbird.com
- All emails will be replied to within 24 hours.

We value your feedback and are here to help you make the most of your Sillbird Robot Building Kit.