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Sillbird CA-B896

Sillbird Robot Building Kit Instruction Manual

Brand: **Sillbird**

Model: **CA-B896**

Introduction

Welcome to the world of STEM learning with your new Sillbird Robot Building Kit! This comprehensive set allows you to construct 5 unique robotic models from 435 durable pieces, fostering creativity, problem-solving skills, and hands-on ability. Designed for ages 8 and up, this kit provides an engaging and educational experience, bringing your creations to life with expressive digital eyes and interactive controls.

Safety Information

WARNING: CHOKING HAZARD -- Small parts. Not for children under 3 years.
Always supervise children during assembly and play. Ensure all small parts are kept out of reach of young children to prevent choking hazards. Read all instructions carefully before beginning assembly.

Package Contents

Your Sillbird Robot Building Kit includes all necessary components to construct the various models and bring them to life. Please verify that all items listed below are present in your box:

- 435 Building Pieces (various shapes and colors)
- Main Control Unit with Rechargeable Battery
- Remote Control (requires 2 x AA batteries, not included)
- USB Charging Cable
- Instruction Manuals (multiple booklets for different models)
- Sticker Sheet for detailing



Figure 1: Overview of the Sillbird Robot Building Kit box and its contents, including the main robot model and smaller variations.

Setup & Assembly

Follow the detailed, step-by-step instructions provided in the manual booklets to assemble your chosen robot model. Each model has its own dedicated instructions to ensure a smooth building process.

1. **Unpack and Organize:** Carefully open all plastic bags containing the building pieces. It is recommended to sort pieces by color or type to facilitate easier assembly.
2. **Choose Your Model:** Select one of the 5 available models (Classic Robot, Dinosaur, Stunt Car, Tracked Car, Vitality Robot) and locate its corresponding instruction booklet.
3. **Follow Instructions:** Assemble the robot by following the visual and textual steps in the manual. Pay close attention to the orientation and connection points of each piece.
4. **Attach Digital Eyes:** The expressive digital eyes can be attached to the designated points on your robot. Ensure the wires are connected correctly to the main control unit.
5. **Apply Stickers:** Use the provided sticker sheet to add decorative details to your robot as indicated in the

instructions or as desired.



Figure 2: A child and adult working together to assemble the robot, following the detailed instructions provided in the manual.

Battery Information

- The main robot unit contains a rechargeable Lithium Ion battery. Use the included USB charging cable to charge the robot. A full charge provides up to 40 minutes of continuous play.
- The remote control requires 2 x AA batteries (not included). Insert them into the battery compartment on the back of the remote, ensuring correct polarity.

Operating Instructions

Powering On/Off

Locate the small black button next to the power switch on the main control unit to turn the robot's built-in sound effects on or off. This allows for quiet play when needed.

Remote Control Operation

Once the robot and remote are powered on, they will automatically pair. Use the joysticks and buttons on the remote control to maneuver your robot. The digital eyes will change expressions based on the robot's movements and actions.



Figure 3: A child actively controlling the robot using the included remote control, demonstrating its interactive features.

App Control (Bluetooth)

For advanced control and coding features, download the official Sillbird app. The app is compatible with selected iOS 11 or above (same as iPad) and Android 12 or above devices. Connect your robot via Bluetooth through the app to access various modes, including driving, gyro control, custom path drawing, and programming.



Figure 4: A child interacting with the robot using a smartphone app, exploring basic coding and advanced control options.

Expressive Digital Eyes & Sound Effects

The robot's LED eyes can display various expressions, adding personality to its movements. These expressions change dynamically based on the robot's actions and remote/app commands. Realistic robot sound effects further enhance the play experience, which can be toggled on or off as desired.



Figure 5: The robot demonstrating its expressive digital eyes and 360-degree movement capabilities, bringing it to life.

Maintenance

- Keep the robot and its components clean by wiping them with a dry, soft cloth.
- Avoid exposing the robot to water or excessive moisture.
- Store all pieces in the original packaging or a designated storage container when not in use to prevent loss.
- Ensure the rechargeable battery is fully charged before extended periods of storage to maintain battery health.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Robot does not move or respond.	Low battery (robot or remote). Not paired correctly.	Charge robot battery. Replace remote batteries. Ensure both devices are powered on and within range for pairing.
Digital eyes not displaying.	Loose wire connection. Power issue.	Check all wire connections to the main control unit. Ensure robot battery is charged.
Sound effects not working.	Sound is turned off. Power issue.	Press the sound on/off button next to the power switch. Ensure robot battery is charged.
App not connecting to robot.	Bluetooth is off. App/OS not compatible.	Ensure Bluetooth is enabled on your device. Check app compatibility with your device's operating system (iOS 11+ / Android 12+).

Specifications

- **Product Dimensions:** 5.91 x 8.14 x 6.77 inches
- **Item Weight:** 2.31 pounds
- **Model Number:** CA-B896
- **Recommended Age:** 8 years and up
- **Battery:** 1 Lithium Ion battery (included, rechargeable)
- **Playtime:** Up to 40 minutes (on full charge)
- **Remote Control:** 2.4GHz (requires 2 x AA batteries, not included)
- **App Compatibility:** iOS 11+ / Android 12+
- **Number of Pieces:** 435
- **Number of Models:** 5-in-1 (Classic Robot, Dinosaur, Stunt Car, Tracked Car, Vitality Robot)

Warranty & Support

For any questions, concerns, or support needs regarding your Sillbird Robot Building Kit, please contact Sillbird customer service. All emails will be replied to within 24 hours.
Email: service@sillbird.com
Please refer to your purchase receipt for warranty details. Sillbird is committed to providing high-quality products and excellent customer service.

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