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Sillbird B883

Sillbird 5-in-1 STEM Robot Building Kit Instruction Manual

Model: B883

Product Overview

The Sillbird Robot Building Kit offers an engaging STEM learning experience for children aged 6 and up. This versatile kit allows for the construction of five different models, including a robot, dinosaur, car, tank, and more, fostering creativity and problem-solving skills. It features dual control modes: a dedicated remote control and an intuitive app for advanced programming and interactive play.

Package Contents

Your Sillbird Robot Building Kit includes 488 pieces, carefully organized to facilitate the building process.



The box contains all necessary building blocks, a rechargeable battery pack, a remote control, and detailed instruction manuals for each model.

Setup and Assembly

Assembly is designed to be a step-by-step process, encouraging hands-on learning. The clear, colorful instructions guide users through building each of the five models.



Each model offers varying levels of difficulty, allowing children to develop their skills progressively.

Assembly Tips

- Organize pieces by type or color before starting.
- Follow the numbered steps in the instruction manual carefully.
- Ensure all connections are secure for proper functionality.

Operating Instructions

The Sillbird Robot can be controlled using two methods: the included remote control or a dedicated mobile application.

Remote Control Operation

The remote control provides intuitive forward, backward, and turning movements. Ensure the robot's battery is charged and the remote control has fresh batteries (1 D battery, included).



App Control

Download the official Sillbird app to unlock advanced features, including basic programming, path drawing, and precise movement control. The app connects via Bluetooth.



App Features:

- **Remote Mode:** Standard joystick-like control.
- **Path Mode:** Draw a path on your device screen, and the robot will follow it.
- **Programming Mode:** Drag and drop command blocks to create custom movement sequences.
- **Gravity Mode:** Control the robot's movement by tilting your smartphone.

Battery and Charging

The robot features a rechargeable battery, providing up to 40 minutes of continuous playtime on a single charge. Use the provided USB charging cable to recharge the robot.



Product Models

This kit allows you to build five distinct models, each offering a unique play experience and varying levels of complexity.



- **Model A (418 PCS):** The classic robot design with poseable joints.
- **Model B (335 PCS):** A dynamic robot with unique articulation.
- **Model C (388 PCS):** A versatile model with a flip-while-drive feature.
- **Model D (297 PCS):** A compact tank model.
- **Model E (281 PCS):** Another tank-style model with different features.

Poseable Joints

The robot models feature adjustable heads, arms, and tails, allowing for a wide range of playful poses and realistic movement.



Maintenance

Care and Storage

- Keep the robot and its components clean and free from dust.
- Store the kit in its original box or a suitable container to prevent loss of pieces.
- Avoid exposing the robot to extreme temperatures or moisture.
- Fully charge the battery before long-term storage to maintain battery health.

Troubleshooting

Common Issues and Solutions

Problem	Solution
Robot not moving	Check battery charge. Ensure remote control batteries are fresh. Verify Bluetooth connection for app control.

Problem	Solution
Connectivity issues	Ensure Bluetooth is enabled on your device. Restart the app and the robot. Move closer to the robot.
Parts not fitting	Double-check the instruction manual for the correct piece and orientation. Apply gentle, firm pressure.

Specifications

Product Details

- **Brand:** Sillbird
- **Model Number:** B883
- **Product Dimensions:** 6 x 7 x 8 inches
- **Item Weight:** 1.76 pounds
- **Recommended Age:** 6 years and up
- **Pieces:** 488
- **Battery:** 1 D battery required (included, rechargeable)
- **Control:** Remote Control, App Control (Bluetooth)

Warranty and Support

Customer Service

For any questions, concerns, or support needs, please contact Sillbird customer service.
Email: service@sillbird.com
All emails will be replied to within 24 hours.



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