




**US-B898R1 5-in-1
STEM Robot
Building Kit**



Sillbird US-B898R1 5-in-1 STEM Robot Building Kit User Manual

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Sillbird US-B898R1 5-in-1 STEM Robot Building Kit



Launch Date: January 2, 2024

Price: \$42.99

Introduction

The Sillbird US-B898R1 5-in-1 STEM Robot Building Kit is a cool and fun toy that teaches while having fun. This kit is designed for kids ages 6 and up, and it lets them build five different robot models, ranging from cars to humanoids. This helps them be creative and learn how to solve problems. The Sillbird US-B898R1 focuses on STEM learning and uses hands-on play to teach basic ideas in science, technology, engineering, and math. The kit can be controlled by a remote via Bluetooth and can be programmed to do things using a smartphone app. This makes it a great way to start learning how to code. Made from high-quality ABS plastic, it will last a long time and keep kids safe while they build. Its recharging battery lets you play for hours on end, and the clear instructions make it easy to put together. The Sillbird US-B898R1 is a great gift for birthdays, holidays, or other special occasions because it helps kids think more logically and encourages them to play imaginatively.

Specifications

Measurements

- **Item Dimensions:** 10 x 8 x 2 inches
- **Number of Pieces:** 488
- **Weight:** Lightweight for easy handling (not specified in this context).

Style

- **Theme:** Robot, STEM-focused, combining play and education.
- **Color:** Vibrant orange, adding an engaging visual appeal.

Item Details

- **Package Type:** Standard Packaging.
- **Model:** US-B898R1.
- **Age Range Description:** Suitable for kids aged 6 years and up.
- **Brand Name:** Sillbird.
- **Model Name:** US-B898R1.
- **Manufacturer Minimum Age:** 72 months (6 years).
- **Special Features:**
 - **Non-Toxic Materials:** Made from safe Acrylonitrile Butadiene Styrene (ABS) plastic, ensuring child safety.
 - **Rechargeable Battery:** Eco-friendly, providing hours of uninterrupted play and learning.
- **Toy Building Block Type:** Stacking toy building blocks, designed for versatility and creativity.
- **Educational Objectives:**
 - Enhance hand-eye coordination.
 - Promote creative thinking and imagination.
 - Strengthen STEM skills through engaging play.
- **Material Type:** High-quality ABS plastic for durability and safety.
- **Educational Value:** Combines fun with learning, helping kids explore mechanical concepts, coding basics, and creative design.

Package Includes

- 432 building blocks and components
- Rechargeable battery pack
- USB charging cable
- Bluetooth-enabled control box
- Step-by-step instruction manual
- Mobile app guide (QR code for download)
- Spare parts pack

Features

1. 5-in-1 Models of Robots

Kids can use the Sillbird US-B898R1 STEM Robot Building Kit to make five different robot models, such as friendly humanoid robots, roaring dinosaurs, high-speed trick cars, tanks, and more. Every build opens up a new journey, which makes for hours of creative play. With this feature, kids can play with a variety of themes, such as travel, prehistoric adventures, and exciting races. This keeps their minds busy while they learn useful engineering skills.



2. Focus on STEM Learning

This kit includes basic STEM ideas, which makes it a great way for kids to learn. Putting the robots together and programming them helps kids learn basic science, technology, engineering, and math ideas while also helping them solve problems and think critically. Each build-and-play lesson turns into a hands-on way to learn that combines fun and learning.

3. Bluetooth Handle

This robot kit comes with Bluetooth technology, so you can control it with an app on your phone or computer. The app has programmable features and remote controls that make it easy for kids to move around and interact with their projects without wires. It effortlessly blends fun and technology, giving kids a hands-on way to learn how to code.

Remote Control Your Robot and Explore Endless Fun



4. Acts that can be programmed

Kids can use app-based block coding to teach their robots how to do fun interactive jobs. This helps them think more logically and learn how to use computers better. This tool is a fun and interesting way for kids to learn the basics of programming, which can spark an early interest in technology and robotics.

Good Introductory Programming STEM Learning Toy



5. **Materials of High Quality**

Premium ABS plastic, which is known for being strong and safe, was used to make the kit. This makes sure that the parts can be put together and taken apart many times without breaking and are safe for kids. Parents can relax knowing that their children are playing with safe, high-quality products.

6. **Battery That Can Be Charged**

The robot runs on a lithium-ion battery that can be charged again and again, so it doesn't need to be replaced all the time. A single charge lets kids play for up to 40 minutes straight, so they can have fun without interruptions. The eco-friendly design of the batteries also teaches kids about long-term energy options.

7. **Easy-to-follow Steps Make it easy.**

The bright, step-by-step instructions that come with the kit make building easier for kids. The robots are easy to put together, even for people who have never done it before. This feature makes the kit usable by people of all ages and skill levels, which promotes imagination and learning on your own.

8. **Cute and expressive robot kit**

Each robot model has parts that can be moved around, so kids can pose their robots in different ways. Every robot is interactive and real when it has parts that can move, like mouths, propellers, claws, and tails. This makes the game more fun overall by making the world of robotic experiences more dynamic and interesting.

9. **DIY Building Fun – Hours of Play**

The process of building is fun, which makes kids want to try more do-it-yourself projects. It's fun to learn and play when each new build leads to new discoveries. It also helps with patience, paying attention, and coordinating your hands and eyes.

10. **Great Gift for Kids 8 and Up**

You can give the Sillbird US-B898R1 STEM Robot Building Kit as a gift on a birthday, Christmas, or other special event. It gives kids an educational, screen-free option that keeps their attention for hours. This kit is fun

for everyone, boys, girls, teens, and even adults. It improves imagination, problem-solving, and logic while being a lot of fun.

Usage

Assembly:

- Follow the instruction manual to assemble one of the five robot models.
- Ensure all components are securely connected during the build.

Programming:

- Download the mobile app using the provided QR code.
- Connect the robot to the app via Bluetooth.
- Use the block-based coding interface to program custom movements.

Operation:

- Use the app's remote control feature to operate the robot manually.
- Experiment with pre-programmed actions or design unique ones.

Care and Maintenance

Cleaning:

- Wipe components with a soft, damp cloth.
- Avoid using water or harsh chemicals to clean the robot.

Storage:

- Store all pieces in the original box to prevent loss.
- Keep the robot away from extreme heat or moisture.

Battery Care:

- Charge the battery fully before use.
- Avoid overcharging and disconnect the USB cable once the battery is charged.

Troubleshooting

Robot Not Powering On:

- Ensure the battery is fully charged.
- Check connections between the control box and battery pack.

Bluetooth Connection Fails:

- Ensure your device's Bluetooth is enabled.
- Restart the robot and try reconnecting through the app.

Robot Malfunctions During Operation:

- Check for loose connections in the assembly.
- Reassemble the robot to ensure all parts are correctly installed.

App Not Responding:

- Ensure the app is up-to-date.
- Restart your device and reconnect to the robot.

Parts Missing or Damaged:

- Contact Sillbird's customer service for assistance with replacement parts.

Pros and Cons

Pros	Cons
Encourages STEM learning	Assembly may be challenging for younger kids
Multiple models provide variety	Requires charging before use
Remote control adds interactive fun	App functionality may vary by device

Contact Information

For inquiries or support, please reach out to Sillbird customer service at:

- Email: service@sillbird.com
- Website: <https://www.sillbird.com/>

Warranty

Sillbird offers a warranty period of 30 days from the date of purchase for defects in materials or workmanship. Please retain your receipt for warranty claims.

FAQs

What is the Sillbird US-B898R1 5-in-1 STEM Robot Building Kit?

The Sillbird US-B898R1 is a versatile robot-building kit that allows children to construct five unique robot

models, promoting STEM learning and creative play.

What age group is the Sillbird US-B898R1 suitable for?

The Sillbird US-B898R1 is designed for children aged 6 years and older, fostering early STEM education and hands-on creativity.

What materials are used to make the Sillbird US-B898R1?

The Sillbird US-B898R1 is made from high-quality, non-toxic ABS plastic, ensuring safety and durability.

How many pieces does the Sillbird US-B898R1 kit include?

The Sillbird US-B898R1 kit includes 488 pieces for building five distinct robot models.

What are the five robots you can build with the Sillbird US-B898R1?

The Sillbird US-B898R1 allows users to build robots resembling cars, animals, humanoid figures, and more, offering endless creative possibilities.

What type of battery does the Sillbird US-B898R1 use?

The Sillbird US-B898R1 comes with a rechargeable lithium-ion battery for long-lasting play sessions.

How does the Sillbird US-B898R1 promote STEM education?

The Sillbird US-B898R1 teaches concepts in science, technology, engineering, and math through hands-on building and coding activities.

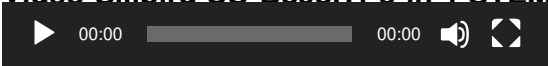
What special features does the Sillbird US-B898R1 have?

The Sillbird US-B898R1 features Bluetooth control, programmable actions, flexible joints, and lifelike movements, offering an engaging experience.

What are the dimensions of the Sillbird US-B898R1 kit?

The Sillbird US-B898R1 measures 10 x 8 x 2 inches, making it compact and easy to store.

Video-Sillbird US-B898R1 5-in-1 STEM Robot Building Kit



<https://www.manuals.plus/wp-content/uploads/2024/12/Sillbird-US-B898R1-5-in-1-STEM-Robot-Building-Kit-User-Manual.pdf>

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