Apitor APR021s

Apitor Robot J Creative Building Kit Instruction Manual

Model: APR021s

INTRODUCTION

The Apitor Robot J Creative Building Kit is a versatile 6-in-1 programmable STEM learning toy designed for children aged 7-12 years. This kit allows users to construct various robotic models and control them via a dedicated app, fostering creativity, problem-solving skills, and an understanding of basic coding principles.

Image: The Apitor Robot J kit, featuring the assembled robot, storage box, and a tablet displaying the programming interface.

SAFETY INFORMATION

This product is not suitable for children under 3 years of age or any individuals who have a tendency to place inedible objects in their mouths. Small parts may present a choking hazard. Adult supervision is recommended during assembly and play.

WHAT'S IN THE BOX

Your Apitor Robot J Creative Building Kit includes the following components:

- 480 x Building Blocks
- 1 x Control Module (with 2 built-in high-speed motors)
- 2 x Multicolor LED Lights
- 1 x Building Instruction Manual (for one model)
- 1 x User Guide
- 1 x Storage Box
- 1 x Sorting Tray (with 14 removable partitions)

Smart Remote Control Robot

Image: A detailed view of the kit's contents, showing the various building blocks, the control module, and the instruction manuals.

Image: The durable storage box with its removable sorting tray, designed for organizing smaller components.

SETUP

1. Assembly

Follow the step-by-step building instructions provided in the manual for the initial model. For the other five models, detailed instructions are available within the free Apitor Kit app. The app provides an intuitive, visual guide to help with assembly.

7+ | **480**

Easy And Enjoyable Assembly

Image: A child engaged in the assembly process, utilizing both the physical instruction booklet and digital instructions on a tablet for an easy and enjoyable building experience.

2. Battery Installation

The control module requires 3 AA batteries (not included). Ensure batteries are inserted with correct polarity. Refer to the control module diagram in the user guide for precise battery placement.

3. App Download and Connection

Download the free "Apitor Kit" app from your device's app store (available for iOS and Android). Once installed, open the app and follow the on-screen prompts to connect to your Robot J via Bluetooth. The app will guide you through the pairing process.

4 APP Remote Control Options

Dual-Motor Remote Mode

Single-Motor Remote Mode

Gyro Mode

Path Mode

Image: The intuitive, icon-based graphical coding interface within the Apitor Kit app, allowing users to program their robot.

OPERATING INSTRUCTIONS

The Apitor Robot J can be controlled and programmed using the Apitor Kit app. The app offers four user-friendly remote control modes:

- **Dual-Motor Mode:** Control each motor independently for precise movement.
- **Single-Motor Mode:** Simplified control for basic forward/backward movement.
- **Gyro Mode:** Use your device's gyroscope to steer the robot.
- **Path Mode:** Draw a path on the screen, and the robot will follow it.

Image: A visual representation of the four distinct remote control modes available within the Apitor Kit app, offering diverse ways to interact with the robot.

Coding and Programming

The app's intuitive, icon-based coding interface allows users to learn about programming concepts such as loops and variables. Engage in exciting activities designed for each model to develop STEM skills and creatively solve problems.

Image: The graphical coding interface of the Apitor Kit app, demonstrating how users can drag and drop blocks to create sequences of commands for the robot.

BUILDING MULTIPLE MODELS (6-IN-1)

The Apitor Robot J kit offers the flexibility to build six different realistic models from the same set of blocks. These models include:

- Robot J (main robot)
- Mars Rover
- Robo Car
- Tank
- Launcher
- Drill Car

Each model provides a unique building and play experience, enhancing creativity and engineering understanding.

Image: An illustration showcasing the six distinct models that can be constructed using the Apitor Robot J Creative Building Kit.

MAINTENANCE

Cleaning

To clean the building blocks, wipe them with a damp cloth. Do not submerge the control module or LED lights in water. Ensure all components are dry before storage.

Storage

Utilize the provided durable stackable toy storage box and sorting tray to keep all 480 blocks organized. The removable tray helps separate smaller items, while the extra depth accommodates larger supplies, ensuring no pieces are lost.

Image: The Apitor storage solution, highlighting the large tote and the versatile removable tray for efficient organization of building components.

Battery Care

Remove batteries from the control module if the toy will not be used for an extended period to prevent leakage and damage.

TROUBLESHOOTING

Robot Not Responding

- Ensure the control module has fresh AA batteries and is powered on.
- Verify that Bluetooth is enabled on your controlling device (tablet/smartphone) and that the app is successfully connected to the robot.
- Check for any physical obstructions preventing movement or proper assembly.

App Connectivity Issues

- Restart the Apitor Kit app and try reconnecting.
- Ensure your device's operating system is up to date.
- If issues persist, try reinstalling the app.

Building Difficulties

- Refer to the digital instructions within the Apitor Kit app for animated, step-by-step guidance.
- Double-check that all pieces are correctly oriented and securely connected as shown in the instructions.

SPECIFICATIONS

Product Dimensions	17.5 x 6.7 x 13 inches
Item Weight	5.5 pounds
Model Number	APR021s
Manufacturer Recommended Age	7 - 12 years
Manufacturer	Apitor
Number of Blocks	480
Control Module Motors	2 high-speed motors built-in
LED Lights	2 multicolor LED lights
Battery Requirement	3 AA batteries (not included)

WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty information, please contact Apitor customer service through their official website or the contact details provided in the product packaging. Keep your purchase receipt for warranty claims.

Manufacturer: Apitor

Website: Visit the Apitor Store on Amazon

[pdf] Decleration of Conformity

Richard Xu Compliance Statement Apitor Technology Co Ltd R02R Robot J Storage R 2AS4DR02R r02r Bluetooth frequency: 2402MHz-2480MHz, transmitting power 0dBm Manufacturer name: Apitor Technolog ... rade Name: Model No.: Robot R APR022 Robot R Storage APR022s Robot J APR021 Robot J Storage APR021s FCC ID: 2AS4DR02R IC : 33012-R05XSQJR Responsible Party U.S. Contact Information US Compan...
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Apitor Robot J/R User Guide: Setup, Connection, and Operation

Comprehensive user guide for Apitor Robot J (APR021) and Robot R (APR022). Learn about control module components, battery installation, Bluetooth connection via the Apitor Kit app, and LED status indicators. Includes technical specifications and safety information.
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