

Poraxy PODIY019

Poraxy 4-in-1 STEM Dinosaur Robot Crafts Kit with Paints

Model: PODIY019

INTRODUCTION

Thank you for choosing the Poraxy 4-in-1 STEM Dinosaur Robot Crafts Kit. This kit allows you to build and customize four unique wooden dinosaur models: Tyrannosaurus Rex, Brachiosaurus, Triceratops, and Pterosaur. Designed to engage and educate, this kit promotes creativity, problem-solving skills, and an understanding of basic mechanics. Please read this manual carefully before assembly and operation to ensure a smooth and enjoyable experience.

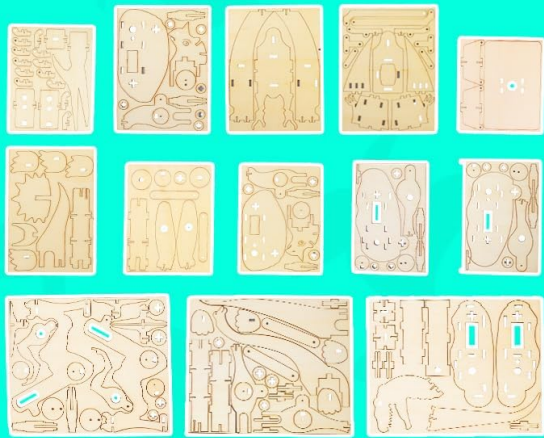
SAFETY INFORMATION

- This product contains small parts and is not suitable for children under 3 years old due to choking hazards.
- Adult supervision is recommended during assembly and painting.
- Keep paints away from eyes and mouth. Wash hands thoroughly after use.
- Dispose of batteries responsibly according to local regulations.
- Do not modify the electrical components of the kit.

PACKAGE CONTENTS

Verify that all components are present before beginning assembly.

WHAT'S INCLUDED



5 Set STEM projects



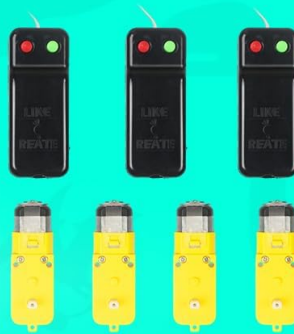
2 Paint brushes



12-color paint



Gift box



Accessories



Detailed instruction

Figure 1: All included components.

- 4 x Sets of 3D Wooden Puzzle Sheets (for Tyrannosaurus Rex, Brachiosaurus, Triceratops, Pterosaur)
- 1 x Set of 12-Color Paints
- 2 x Paint Brushes
- 4 x Mini Screwdrivers
- 4 x Motor/Battery Holder Assemblies (requires 2 AA batteries per dinosaur, not included)
- Detailed Assembly Instructions for each dinosaur model

SETUP AND ASSEMBLY

The Paraxy STEM kit features precision laser pre-cut wooden parts for easy assembly without the need for glue. Follow the detailed instructions provided for each specific dinosaur model.

General Assembly Steps:

1. **Identify Parts:** Carefully detach the pre-cut wooden pieces from their sheets. Refer to the individual dinosaur instruction diagrams to identify each part.
2. **Connect Pieces:** Assemble the wooden pieces by interlocking them according to the diagrams. Ensure a snug fit.

3. **Install Electrical Components:** Once the wooden structure is complete, install the motor, battery holder, and wiring as shown in the specific dinosaur instructions. Use the mini screwdriver for any necessary fastenings.
4. **Insert Batteries:** Insert 2 AA batteries (not included) into the battery holder, ensuring correct polarity.



Figure 2: Assembly process overview.

OPERATING INSTRUCTIONS

After successful assembly and battery installation, your dinosaur models are ready for operation.

Controlling Movement:

- For the Tyrannosaurus Rex, Brachiosaurus, and Triceratops models, use the wired controller to make them

move forward and backward.

- The Pterosaur model features flapping wings. Activate the mechanism via its integrated switch or controller, as per its specific instructions.



Figure 3: Dinosaur movement capabilities.

Painting and Customization:

Unleash your creativity by painting your dinosaur models. Use the included 12-color paint set and two brushes to bring your dinosaurs to life. Allow paint to dry completely before handling or operating the models.

12-COLOR PAINT & 2 BRUSHES

Build and paint your own dinosaurs



Figure 4: Customizing your dinosaur with paint.

MAINTENANCE

- **Cleaning:** Wipe the wooden parts with a dry, soft cloth. Avoid using water or cleaning solutions directly on the electrical components.
- **Storage:** Store the assembled models and unused parts in a cool, dry place away from direct sunlight and moisture to prevent warping or damage to the wood and electronics.
- **Battery Care:** Remove batteries from the battery holder if the toy will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dinosaur does not move/wings do not flap.	1. Incorrect battery installation. 2. Dead or low batteries. 3. Loose wiring connection. 4. Mechanical obstruction.	1. Check battery polarity (+/-). 2. Replace with fresh AA batteries. 3. Ensure all wires are securely connected to the motor and battery holder. 4. Check for any wooden parts or debris obstructing movement. Ensure parts are not too tight.
Parts do not fit together.	Incorrect part orientation or mismatch.	Refer to the specific dinosaur instruction diagrams to ensure correct part identification and orientation. Do not force pieces.

SPECIFICATIONS

- **Brand:** Poraxy
- **Model Number:** PODIY019
- **Material:** Wood
- **Number of Kits:** 4 (Tyrannosaurus Rex, Brachiosaurus, Triceratops, Pterosaur)
- **Recommended Age:** 8-13 years (72-168 months)
- **Educational Objective:** Creative Skills, Imagination Development, STEM
- **Assembly Required:** Yes
- **Operation Mode:** Manual (via wired controller)
- **Power Source:** 2 x AA batteries per dinosaur (not included)
- **Item Dimensions (approximate):** 8.8 x 6.7 x 3 inches (varies by dinosaur model)

WARRANTY

This product is provided without a manufacturer's warranty.

SUPPORT

For further assistance or inquiries, please visit the official Poraxy Store on Amazon: [Poraxy Store](#)