

ROBOTIME D210_SML

ROBOTIME ROKR T-Rex Dinosaur Walking Mechanical Wooden Model Kit D210

Model: D210_SML | Brand: ROBOTIME

INTRODUCTION

Welcome to the instruction manual for your ROBOTIME ROKR T-Rex Dinosaur Walking Mechanical Wooden Model Kit. This kit provides an engaging and educational experience, allowing you to construct a detailed, walking mechanical T-Rex model from precision-cut wooden pieces. Please read this manual thoroughly before beginning assembly to ensure a smooth and enjoyable building process.



Image: The fully assembled ROBOTIME ROKR T-Rex mechanical wooden model.

SAFETY INFORMATION

Please observe the following safety precautions:

- This product contains small parts and is not suitable for children under 3 years due to choking hazards.
- Adult supervision is recommended during assembly, especially for younger builders.
- Handle wooden pieces carefully to avoid splinters.
- Keep away from open flames or excessive heat.
- Do not force pieces together; if a piece does not fit, re-check the instructions.

PACKAGE CONTENTS

Before starting assembly, please verify that all components are present:

- Pre-cut wooden sheets with model parts.
- Instruction manual.
- Small accessories (e.g., gears, shafts, springs, sandpaper, wax, screwdriver if applicable).



Image: The retail packaging for the ROBOTIME ROKR T-Rex D210 model kit.

ASSEMBLY INSTRUCTIONS

Follow these steps carefully to assemble your T-Rex model. Refer to the diagrams in your physical instruction booklet for detailed visual guidance.

1. **Preparation:** Carefully remove all wooden pieces from their sheets. Use the included sandpaper to smooth any rough edges if necessary. Identify all parts according to the numbering in the instruction booklet.
2. **Base Assembly:** Begin by assembling the base structure of the T-Rex, typically starting with the main body frame. Ensure all interlocking tabs fit snugly.
3. **Legs and Tail:** Attach the leg mechanisms and tail sections. Pay close attention to the orientation of gears and connecting rods for proper walking motion. Lubricate moving parts with the provided wax as instructed.
4. **Head and Jaws:** Assemble the head, including the jaw mechanism. Ensure the roaring function (if applicable) is correctly integrated.
5. **Motor and Wiring (if applicable):** If your model includes an electric motor, carefully follow the wiring diagrams to connect it to the battery compartment and internal mechanisms. Ensure correct polarity.
6. **Final Assembly:** Connect all major sections. Test the movement of joints and gears as you proceed to ensure smooth operation.
7. **Testing:** Once fully assembled, test the walking and roaring functions. If the model does not move smoothly, re-check the connections and ensure all parts are properly aligned and lubricated.

Note: The complexity level for this model is indicated as **Level: ★★☆☆☆** and it contains **85 pieces**, suggesting a moderate challenge suitable for ages 12+.

OPERATING INSTRUCTIONS

Once assembled, your ROBOTIME ROKR T-Rex is ready for action:

- **Power Source:** Insert the required batteries (not included) into the designated battery compartment, observing correct polarity.
- **Activation:** Locate the power switch, usually on the base or side of the model. Flip the switch to the "ON" position.
- **Walking Function:** The T-Rex should begin to walk forward. If movement is erratic, ensure it is on a flat, smooth surface.
- **Roaring Function:** The model is designed to roar. This function is typically synchronized with its movement or activated by a specific sensor (e.g., clapping, as suggested by the box art). Clap your hands near the model to activate the roaring sound.
- **Deactivation:** To turn off the model, flip the power switch to the "OFF" position. Remove batteries if storing for extended periods.

MAINTENANCE

To ensure the longevity and smooth operation of your wooden model:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Do not use water or chemical cleaners, as they may damage the wood.
- **Lubrication:** Periodically apply a small amount of the provided wax (or a suitable alternative like paraffin wax) to moving wooden gears and joints to maintain smooth operation.
- **Storage:** Store the model in a dry place away from direct sunlight and extreme temperature fluctuations to prevent warping or damage to the wood.
- **Battery Care:** Remove batteries if the model will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Model does not move or moves erratically.	Batteries are dead or incorrectly inserted. Gears are not properly aligned or are stiff. Power switch is off.	Replace batteries and check polarity. Inspect gear alignment and apply wax to moving parts. Ensure power switch is in the "ON" position.
Roaring sound is weak or absent.	Batteries are low. Sound sensor is obstructed or not detecting input.	Replace batteries. Ensure clear path to sensor; try clapping louder or closer.
Wooden parts are difficult to fit.	Part is misaligned. Excess wood/burr on tab or slot.	Re-check instruction diagrams for correct orientation. Gently sand the tab or slot with fine sandpaper. Do not force.

SPECIFICATIONS

Model Number	D210_SML
Brand	ROBOTIME
Assembled Size	315 x 120 x 225 mm
Number of Pieces	85
Recommended Age	12+
Material	Wood
Functions	Walking, Roaring

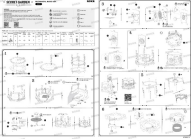
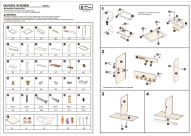

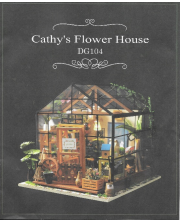
WARRANTY AND SUPPORT

For any questions regarding assembly, missing parts, or operational issues, please contact ROBOTIME customer support. While specific warranty details are not provided in this manual, most products come with a standard manufacturer's warranty against defects.

Please visit the official ROBOTIME website or refer to the contact information provided on the product packaging for assistance.

Note: Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - D210_SML

	<p>ROKR AMK52 Secret Garden DIY Mechanical Music Box Assembly Instructions</p> <p>Comprehensive assembly instructions for the ROKR AMK52 Secret Garden DIY Mechanical Music Box by Robotime. This guide provides a detailed walkthrough of the assembly process, including a parts list, step-by-step instructions, and helpful tips for a successful build.</p>
	<p>Olivia's Kitchen Assembly Instructions - ROBOTIME WCF09</p> <p>Detailed assembly instructions for the ROBOTIME Olivia's Kitchen play set (Model WCF09). Includes parts list, step-by-step guidance, and safety warnings for building this wooden toy kitchen.</p>
	<p>Robotime EC Declaration of Conformity - Miniature House Kits</p> <p>Official EC Declaration of Conformity for Robotime Technology (Suzhou) Co., Ltd.'s range of DIY miniature house kits, including models like Mind-Find Bookstore, Holiday Party Time, and more, compliant with harmonized standards.</p>
	<p>Cathy's Flower House DG104: Miniature DIY Assembly Guide</p> <p>Comprehensive assembly instructions for the Cathy's Flower House DG104 miniature DIY craft kit by Robotime. This guide provides detailed steps, tips, and part lists to help you build your own charming flower house.</p>



[ROKR Marble Night City LGA01 3D Wooden Puzzle Assembly Instructions](#)

Detailed assembly instructions for the ROKR Marble Night City LGA01 3D Wooden Puzzle. Learn how to build this intricate mechanical model step-by-step, including parts list, tools, and troubleshooting.



[ROKR Marble Night City LGA01 3D Wooden Puzzle Assembly Instructions](#)

Detailed assembly instructions for the ROKR Marble Night City LGA01, a 3D wooden mechanical puzzle. Learn how to build your own intricate marble run with step-by-step guidance.