

## ROBOTIME TSP-D-part

# ROBOTIME Apatosaurus Wooden 3D Puzzle Instruction Manual

Model: TSP-D-part

## 1. INTRODUCTION

Welcome to the ROBOTIME Apatosaurus Wooden 3D Puzzle. This instruction manual provides detailed guidance for assembling, operating, and maintaining your voice-controlled dinosaur model. Designed for engaging and educational assembly, this kit allows you to construct a functional Apatosaurus that can walk, roar, and respond to sound. Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience.

## 2. PACKAGE CONTENTS

Before starting, verify that all components listed below are present in your package.

- Pre-cut Plywood Sheets (containing 71 pieces)
- Motor Unit
- Sensor Unit
- Electronic Components (wires, battery compartment, speaker)
- Detailed Assembly Instructions Booklet
- Small Accessories (e.g., screws, plastic gears, springs)



**Image 1:** Overview of the ROBOTIME Apatosaurus puzzle components, including pre-cut wooden sheets, electronic parts, and the assembly instruction booklet.



**Image 2:** A closer view of the pre-cut plywood sheets with numbered parts, alongside various electronic components such as the speaker and plastic gears.

### 3. ASSEMBLY INSTRUCTIONS

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The ROBOTIME Apatosaurus is a DIY assembly kit designed to engage both hands and mind. Follow the numbered steps in the included instruction booklet carefully.

1. **Preparation:** Unpack all components and lay them out on a clean, flat surface. Identify the plywood sheets and the separate electronic parts.
2. **Part Identification:** Each wooden piece is numbered. Refer to the instruction booklet to identify the correct parts for each step. Gently push out the pieces from the plywood sheets. Avoid forcing them to prevent damage.
3. **Initial Assembly:** Begin by assembling the core body structure using the interlocking wooden pieces as guided by the manual. Pay close attention to the orientation of each piece.
4. **Electronic Integration:** As instructed, integrate the motor, sensor, and other electronic components into the wooden structure. Ensure all wires are connected correctly and securely. Incorrect wiring may prevent the model from functioning.
5. **Leg and Tail Assembly:** Attach the legs and tail sections, ensuring that the joints allow for proper movement. The mechanical parts should move freely without excessive friction.
6. **Head and Neck Assembly:** Assemble the head and neck, connecting them to the main body.
7. **Final Checks:** Once all parts are assembled, double-check all connections and ensure no pieces are loose. Insert the required batteries (not included) into the designated compartment.

**Tip:** Some parts may require gentle sanding or a small amount of glue for a more secure fit, though typically not necessary if assembled correctly. Always refer to the specific instructions provided in your kit.



**Image 3:** The completed ROBOTIME Apatosaurus wooden 3D puzzle, showcasing its intricate design and structural integrity.

## 4. OPERATING INSTRUCTIONS

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Your ROBOTIME Apatosaurus model is designed with voice control functionality.

1. **Power On:** Ensure batteries are correctly installed. Locate the power switch (if present, usually near the battery compartment) and turn the model ON.
2. **Voice Activation:** The Apatosaurus responds to sound. A clap of hands or a clear, distinct sound will activate its movements and sounds.
3. **Functionality:** Upon activation, the dinosaur will walk, roar, and may exhibit biting motions, simulating a real

Apatosaurus.

4. **Optimal Environment:** For best performance, operate the model in a relatively quiet environment to ensure clear detection of voice commands.

## 5. MAINTENANCE

To ensure the longevity and proper functioning of your ROBOTIME Apatosaurus model, follow these maintenance guidelines:

- **Cleaning:** Wipe the wooden surfaces with a dry, soft cloth. Avoid using water or chemical cleaners, as they can damage the wood and electronic components.
- **Storage:** Store the model in a dry place away from direct sunlight and extreme temperatures to prevent warping or damage to the wood and electronics.
- **Battery Care:** Remove batteries if the model will not be used for an extended period to prevent leakage and damage to the electronic circuit.
- **Handling:** Handle the assembled model with care, especially delicate parts like the neck and tail, to avoid breakage.

## 6. TROUBLESHOOTING

If your ROBOTIME Apatosaurus model is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Model does not move or roar.	<ul style="list-style-type: none"><li>◦ Batteries are dead or incorrectly installed.</li><li>◦ Power switch is OFF.</li><li>◦ Electronic connections are loose.</li><li>◦ Sensor is not detecting sound.</li></ul>	<ul style="list-style-type: none"><li>◦ Replace batteries or ensure correct polarity.</li><li>◦ Turn the power switch ON.</li><li>◦ Check all wire connections as per the assembly manual.</li><li>◦ Ensure a clear, distinct sound is made near the sensor.</li></ul>
Movement is stiff or jerky.	<ul style="list-style-type: none"><li>◦ Wooden parts are rubbing.</li><li>◦ Assembly error in joints.</li></ul>	<ul style="list-style-type: none"><li>◦ Inspect moving parts for obstructions.</li><li>◦ Review assembly steps for correct placement of joint pieces.</li></ul>
Roaring sound is distorted or absent.	<ul style="list-style-type: none"><li>◦ Speaker connection is loose.</li><li>◦ Speaker is obstructed.</li></ul>	<ul style="list-style-type: none"><li>◦ Check the speaker wire connection.</li><li>◦ Ensure nothing is blocking the speaker output.</li></ul>

## 7. SPECIFICATIONS

- **Model:** TSP-D-part (Apatosaurus)
- **Brand:** ROBOTIME
- **Material:** Engineered Wood (Plywood), Motor, Sensor
- **Number of Pieces:** 71
- **Assembly Required:** Yes
- **Special Features:** Durable, Sound, Voice Control, Walking Motion
- **Recommended Age:** 3 years and up (Manufacturer recommended age: 36 months and up)
- **Package Dimensions:** Approximately 320 x 235 x 55 mm (31 x 23 x 5.1 cm)
- **ASIN:** B081CQKMD1

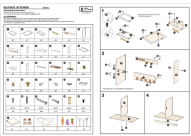
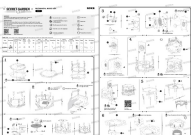
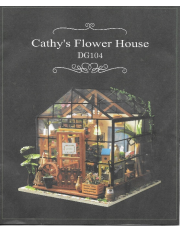


## 8. WARRANTY AND SUPPORT

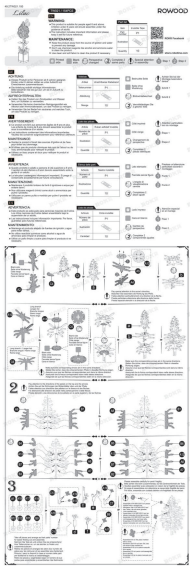
ROBOTIME products are manufactured with quality in mind. For any questions regarding assembly, missing parts, or operational issues not covered in this manual, please contact ROBOTIME customer support directly. Please retain your proof of purchase for any warranty claims. Specific warranty terms and conditions may vary by region.



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### Related Documents - TSP-D-part

	<p><a href="#">Olivia's Kitchen Assembly Instructions - ROBOTIME WCF09</a></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><a href="#">ROKR AMK52 Secret Garden DIY Mechanical Music Box Assembly Instructions</a></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><a href="#">Cathy's Flower House DG104: Miniature DIY Assembly Guide</a></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>
	<p><a href="#">Robotime EC Declaration of Conformity - Miniature House Kits</a></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><a href="#">ROKR Deep Sea Adventurer MCD04 3D Wooden Puzzle Assembly Instructions</a></p> <p>Detailed assembly instructions for the ROKR Deep Sea Adventurer MCD04 3D wooden puzzle. Learn how to build this intricate pendulum balance toy with clear, step-by-step guidance.</p>



### [ROKR TW021 Lilac R 3D Wooden Flower Model Assembly Instructions](#)

Detailed assembly instructions for the ROKR TW021 Lilac R 3D wooden flower model kit. Learn how to build your own beautiful wooden lilac flower with clear, step-by-step guidance from Robotime.