

ROBOTIME RBT-DG176

ROBOTIME Gingerbread House DIY Miniature Kit

MODEL: RBT-DG176 INSTRUCTION MANUAL

Brand: ROBOTIME

1. Introduction

This instruction manual provides comprehensive guidance for assembling your ROBOTIME Gingerbread House DIY Miniature Kit, model RBT-DG176. Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience. This kit is designed for individuals aged 14 and up.

2. Safety Information

Warning: This kit contains small parts which may pose a choking hazard. Keep out of reach of children under 3 years of age. Adult supervision is recommended for builders under 14 years old. Exercise caution when handling sharp tools or small components. Do not ingest any parts of the kit.

3. Package Contents

Verify that all components listed below are present in your kit. If any parts are missing, please contact customer support.

Package List



Figure 3.1: Kit Components Overview

- Pre-cut wooden sheets (approximately 250 pieces)
- Paper cutouts and stickers
- Small plastic accessories (e.g., candy jars, miniature figures)
- LED light components and battery box (batteries not included)
- Instruction manual
- Tweezers (may be included for small parts)

Note: You will need to provide 2 AAA batteries for the LED lights and a suitable adhesive (e.g., craft glue) for optimal assembly, as the included adhesive strips may not be sufficient for all parts.

4. Assembly Instructions

The assembly process typically takes approximately 6 hours. Follow the detailed diagrams in the included instruction booklet for step-by-step guidance. The kit utilizes a slot-in design for many components.

4.1 Preparation

1. Unpack all components and organize them by type or number as indicated in the manual.
2. Ensure you have a clean, well-lit workspace.
3. Gather necessary tools: craft glue, precision tweezers (if not included), and 2 AAA batteries.

4.2 General Assembly Steps

1. Carefully detach wooden pieces from their sheets. Use a craft knife if necessary to ensure clean breaks, but avoid forcing pieces.
2. Identify each piece using the numbering system in the instruction booklet.
3. Follow the diagrams to connect pieces using the slot-in mechanism. Apply a small amount of glue to joints for added stability, especially for structural elements.
4. Attach paper cutouts and stickers as indicated. Ensure proper alignment before pressing firmly.
5. Assemble miniature furniture and decorative elements according to their specific diagrams.



Figure 4.1: Assembly in Progress

4.3 Key Features Assembly

- **Red Arch Door:** Assemble the red door frame and door panel, ensuring the door can open and close smoothly.
- **Dessert Display Cabinet:** Construct the multi-tiered display cabinet and arrange the miniature dessert pieces.
- **Storage Cabinet:** Assemble the small storage cabinet, often located inside the house, and place any miniature jars or items.
- **Snowflake Window:** Carefully attach the window frame and any transparent or snowflake-patterned inserts.

Product Details



Figure 4.2: Detailed Product Features

5. Operating LED Lights

The kit includes LED lights to illuminate your miniature gingerbread house. Follow these steps to install and operate them:

1. Locate the LED light string and the battery box.
2. Insert 2 AAA batteries into the battery box, ensuring correct polarity.
3. Route the LED light string through the designated channels or openings in the house structure as shown in the manual. Secure the lights with small adhesive dots or tape if necessary.
4. Position the battery box in its designated location, typically at the base or rear of the model. Ensure it is accessible for switching the lights on/off.

5. Flip the switch on the battery box to turn the LED lights on or off.

6. Maintenance

- Keep the assembled model in a dry environment, away from direct sunlight and excessive humidity, to prevent warping or damage to the wooden and paper components.
- To clean, gently dust with a soft, dry brush or cloth. Avoid using liquid cleaners.
- If the LED lights dim, replace the AAA batteries.
- Handle the finished model with care, especially delicate parts.

7. Troubleshooting

- **Missing Parts:** If you discover missing components, please refer to the contact information in the Support section to request replacements.
- **Pieces Not Fitting:** Ensure you are using the correct pieces for each step. Do not force pieces together; gently sand edges if necessary for a snug fit.
- **LED Lights Not Working:** Check that batteries are inserted correctly with the right polarity. Ensure the battery box switch is in the 'on' position. Verify that the light string connections are secure.
- **Adhesive Issues:** For parts requiring stronger adhesion, use a high-quality craft glue in addition to or instead of the provided adhesive strips.
- **Instructions Unclear:** Refer to the detailed diagrams in the manual. If still unclear, contact customer support for assistance.

8. Specifications

Feature	Detail
Product Dimensions (L x W x H)	9.2 x 6.8 x 8.6 inches
Item Weight	2.07 pounds
Model Number	RBT-DG176
Recommended Age	14 years and up
Assembly Time	Approximately 6 hours
Power Source (LED)	2 x AAA Batteries (not included)

Gingerbread House

250

PCS

6

Hours

14+

Years



LED



Figure 8.1: Product Dimensions

9. Support

For any questions regarding assembly, missing parts, or general inquiries, please contact ROBOTIME customer service. Our team is available to assist you.

Online Customer Service: Available 24 hours. Refer to the product packaging or official ROBOTIME website for contact details.

