ROBOTIME TG507, TGL01

ROBOTIME 3D Wooden Puzzle DIY Model Building Kit

Big Ben (TG507) & Eiffel Tower (TGL01) Instruction Manual

1. INTRODUCTION

Welcome to the world of ROBOTIME 3D Wooden Puzzles! This instruction manual provides essential information for assembling, operating, and maintaining your Big Ben (TG507) and Eiffel Tower (TGL01) DIY model building kits. These kits offer a fun and engaging experience, culminating in beautiful, illuminated architectural replicas.

The Big Ben model is a replica of the famous British landmark, while the Eiffel Tower model represents the iconic French structure. Both models feature integrated LED lighting to enhance their display.

Image 1.1: The assembled ROBOTIME Big Ben and Eiffel Tower 3D wooden puzzles, showcasing their intricate details and warm LED illumination.

2. WHAT'S IN THE BOX

Upon opening your ROBOTIME 3D Wooden Puzzle kit, you will find the following components:

- **3D Wooden Puzzle Pieces:** Precisely cut wooden sheets containing all the parts required for assembly.
- **LED Lights:** Integrated lighting components to illuminate your finished model.
- **Instruction Manual:** A detailed, step-by-step guide specific to your model (Big Ben or Eiffel Tower).
- **Sanding Paper:** For smoothing edges if necessary.
- **Small Tools (Optional):** Some kits may include a small tool for easier assembly.

Note: A Type-C cable for the Eiffel Tower's LED lights is not included and must be arranged separately.

3. SETUP AND ASSEMBLY

Assembling your ROBOTIME 3D wooden puzzle is a rewarding process. Please follow the specific instructions provided in the manual included with your kit for the best results. The general steps are outlined below:

3.1 Preparation

1. **Unpack Components:** Carefully remove all wooden sheets and other components from the packaging.

2. **Identify Parts:** Familiarize yourself with the different wooden sheets and the parts labeled on them. Refer to the parts diagram in your kit's manual.

3. **Prepare Workspace:** Ensure you have a clean, well-lit, and spacious area to work on.

3.2 Assembly Process

1. **Punch Out Pieces:** Gently press out the individual wooden pieces from their sheets. If a piece is difficult to remove, use a craft knife or the provided tool to carefully cut the connecting points.

2. **Smooth Edges:** Use the included sanding paper to smooth any rough edges on the pieces for a better fit and finish.

3. **Follow Numbered Steps:** The included instruction manual provides a numbered, pictorial guide. Assemble the pieces in the exact order specified.

4. **Interlock Pieces:** Most pieces interlock without glue. Apply gentle, even pressure to fit them together. If a connection is particularly tight, ensure alignment before applying force.

5. **Integrate LED Lights:** As you progress, the manual will guide you on where and how to install the LED light components. Ensure wires are routed correctly and connections are secure.

6. **Complete Sections:** Build the model section by section, ensuring each part is firmly in place before moving to the next.

Image 3.1: The Big Ben model, fully assembled and illuminated, serving as a decorative piece.

Image 3.2: Detailed views of the Big Ben model, highlighting the craftsmanship.

The Viewing Platform

Paris Map & 3D Words

Plug in to Light Up

* The Type-C cable is not included. Please arrange one on your own.

Image 3.3: Detailed features of the Eiffel Tower model, including its power input.

4. OPERATING THE LED LIGHTS

Once your model is fully assembled and the LED lights are integrated, you can illuminate your creation.

- **Power Source:** The LED lights are typically powered via a USB connection. For the Eiffel Tower, a Type-C USB cable (not included) is required.

- **Connection:** Connect the USB cable to the designated port on your model (e.g., the Type-C port on the Eiffel

Tower) and plug the other end into a compatible USB power adapter (e.g., phone charger, computer USB port, power bank).

- **Activation:** The lights should illuminate automatically once power is supplied. There is typically no separate switch.

Image 4.1: The Eiffel Tower model, illuminated and displayed as a decorative item.

5. Maintenance

To ensure the longevity and appearance of your ROBOTIME 3D wooden puzzle models, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. Avoid using abrasive cleaners or wet cloths, which can damage the wood.
- **Avoid Moisture:** Keep the models away from water, high humidity, and direct exposure to liquids, as wood can warp or swell.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause the wood to fade or crack. Place your models in a location with indirect light.
- **Handle with Care:** While assembled, the models are sturdy, but avoid dropping them or applying excessive force, which could break delicate parts.

6. Troubleshooting

If you encounter any issues during assembly or operation, consider the following common solutions:

- **Pieces Don't Fit:**

    - Ensure you are using the correct pieces for the current step. Refer to the instruction manual's diagrams.
    - Check for rough edges and use sanding paper to smooth them.
    - Ensure proper alignment before applying gentle pressure. Do not force pieces.

- **Missing Pieces:**

    - Double-check all wooden sheets and packaging. Small pieces can sometimes be overlooked.
    - If a piece is genuinely missing, contact ROBOTIME customer support (see Section 8).

- **LED Lights Not Working:**

    - Ensure the USB cable is securely connected to both the model and the power source.
    - Try a different USB power adapter or port.
    - Verify that the internal wiring connections are intact and not pinched or broken during assembly.

- **Model is Unstable:**

    - Review previous assembly steps to ensure all connections are firm and pieces are fully interlocked.
    - Ensure the model is placed on a flat, stable surface.

7. Specifications

Key specifications for the ROBOTIME 3D Wooden Puzzle models:

- **Product Type:** 3D Wooden Puzzle DIY Model Building Kit
- **Models Included:** Big Ben (TG507), Eiffel Tower (TGL01)
- **Material:** Wood
- **Lighting:** Integrated LED lights
- **Power Source for LEDs:** USB (Type-C for Eiffel Tower, cable not included)
- **Assembly Size (Big Ben):** Approximately 3.9 x 4.2 x 7.5 inches (L x W x H)

- **Assembly Size (Eiffel Tower):** Dimensions vary slightly, refer to product packaging for exact measurements.
- **Manufacturer:** ROBOTIME

📏 Product Information

Product Name: Big Ben

Assembly Size: 4*4.2*7.5inch

7.5inch

4.2inch

4inch

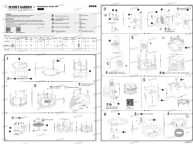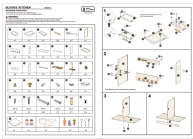Image 7.1: Dimensions of the assembled Big Ben model.
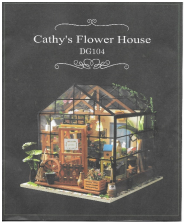
8. WARRANTY AND SUPPORT

ROBOTIME is committed to providing high-quality products. While specific warranty details are not provided in this general manual, most products come with a standard manufacturer's warranty against defects in materials and workmanship.

For any questions, concerns, or support needs regarding your ROBOTIME 3D Wooden Puzzle kit, please contact ROBOTIME customer service through their official channels or the retailer where you purchased the product.

You can visit the official ROBOTIME store for more information and contact options:ROBOTIME Official Store

Related Documents - TG507, TGL01

	Cathy's Flower House DG104: Miniature DIY Assembly Guide 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.
	ROKR AMK52 Secret Garden DIY Mechanical Music Box Assembly Instructions 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.
	Olivia's Kitchen Assembly Instructions - ROBOTIME WCF09 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.
	Robotime EC Declaration of Conformity - Product List and Compliance Official EC Declaration of Conformity from Robotime Technology (Suzhou) CO., LTD, listing compliant wooden model kits, their product details, and applicable harmonized standards and test reports.
	Robotime EC Declaration of Conformity - Miniature House Kits 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.
	Rolife Creation Set: Night of the Eiffel Tower Assembly Instructions Detailed assembly instructions for the Rolife Creation Set, Night of the Eiffel Tower (TGL01). Includes warnings, attention points, FAQs, and step-by-step guidance for building the model.