

## ROBOTIME TG507 & TGN02

# ROBOTIME 3D Wooden Puzzle Model Building Kit: Big Ben (TG507) & Five-Storied Pagoda (TGN02) Instruction Manual

Model Numbers: TG507 (Big Ben), TGN02 (Five-Storied Pagoda)

### 1. PRODUCT OVERVIEW

This manual provides detailed instructions for assembling the ROBOTIME 3D Wooden Puzzle Model Building Kit, which includes two distinct models: the iconic Big Ben (TG507) and the elegant Five-Storied Pagoda (TGN02). Designed for adults and recommended for ages 14 and up, these kits offer an engaging DIY experience without the need for additional tools or glue.

The Big Ben model features an integrated LED light system, enhancing its display appeal. Both models are crafted from precision-cut wooden pieces, designed to interlock for a sturdy construction.



Image 1.1: The ROBOTIME 3D Wooden Puzzle Kit, showcasing both the Big Ben and Five-Storey Pagoda models.

## 2. WHAT'S INCLUDED IN THE BOX

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Upon opening the package, verify that all components are present:

- Pre-cut wooden sheets for Big Ben (TG507)
- Pre-cut wooden sheets for Five-Storey Pagoda (TGN02)
- LED light components for Big Ben (TG507)
- Detailed graphical instruction booklets for each model

If any parts are missing or damaged, please contact ROBOTIME customer support for assistance.

## 3. SAFETY INFORMATION

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- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years old due to choking hazards.
- **Age Recommendation:** Recommended for individuals aged 14 years and up.
- **Handling:** Handle wooden pieces gently to avoid breakage.
- **Disposal:** Dispose of any broken or excess wooden pieces responsibly.

## 4. SETUP AND PREPARATION

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1. **Clear Workspace:** Prepare a clean, flat, and well-lit surface for assembly. Ensure sufficient space to lay out all components.
2. **Unpack Components:** Carefully remove all wooden sheets and instruction booklets from the packaging.
3. **Review Instructions:** Before beginning assembly, thoroughly read through the entire instruction booklet for the specific model you intend to build first. Familiarize yourself with the steps and component identification.
4. **Identify Parts:** The wooden pieces are typically numbered or coded on the sheets. Identify and separate the pieces for the current step as needed. Do not force pieces out of the sheets; use gentle pressure or a small tool if necessary.

## 5. ASSEMBLY INSTRUCTIONS

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The assembly process for both models follows a similar principle of interlocking wooden pieces. No glue or additional tools are required for construction.

### 5.1 General Assembly Guidelines

- **Follow Step-by-Step:** Adhere strictly to the numbered steps in the provided instruction booklet.
- **Gentle Handling:** When detaching pieces from the wooden sheets, do so carefully to avoid splintering or breaking. If a piece is stubborn, gently rock it or use a craft knife to carefully cut the connecting points.
- **Interlocking:** Pieces are designed to fit snugly. If a piece does not fit easily, do not force it. Double-check the piece number and orientation against the instructions. Slight sanding with fine-grit sandpaper may be used if a connection is too tight, but this is rarely necessary.
- **Orientation:** Pay close attention to the orientation of each piece as shown in the diagrams. Incorrect orientation can prevent subsequent pieces from fitting.

### 5.2 Assembling the Big Ben Model (TG507)

The Big Ben model involves constructing the clock tower and the adjacent building structure. Special attention should be given to the LED light installation.

# DIY MODEL BUILDING KIT

## —Big Ben



Image 5.2.1: The completed Big Ben model, illuminated by its internal LED lighting.

1. **Base Construction:** Begin by assembling the base structure as indicated in the Big Ben instruction booklet.
2. **Wall and Floor Panels:** Gradually build up the wall and floor panels, ensuring each piece locks securely into place.
3. **LED Light Installation:** At the designated steps, carefully integrate the LED light components. Ensure wires are routed correctly and connections are secure. The instruction booklet will provide specific diagrams for this process.
4. **Tower Assembly:** Construct the clock tower section, paying attention to the intricate details of the clock faces and spire.
5. **Final Details:** Attach any decorative elements and ensure all parts are firmly connected.





Image 5.2.2: Detailed view of the Big Ben model's clock face and architectural features.



## Product Information

**Product Name:** Big Ben

**Assembly Size:** 4\*4.2\*7.5inch



Image 5.2.3: Assembly size of the Big Ben model: approximately 3.9 x 4.2 x 7.5 inches.

### 5.3 Assembling the Five-Storied Pagoda Model (TGN02)

The Five-Storied Pagoda model requires careful assembly of its multiple tiered roofs and intricate structural elements.





Image 5.3.1: The completed Five-Storyed Pagoda model.

1. **Base and First Tier:** Begin with the base and the lowest tier of the pagoda, ensuring a stable foundation.
2. **Layered Construction:** Proceed upwards, assembling each tier of the pagoda. Each tier typically involves a floor, walls, and a roof section.
3. **Roof Details:** Pay close attention to the delicate details of the eaves and decorative elements on each roof layer.
4. **Spire Assembly:** Conclude by assembling and attaching the spire at the very top of the pagoda.

## Build Your Own Craft Kit

- Easy to assemble
- No tools nor glue needed



Image 5.3.2: Exploded view diagram illustrating the assembly concept for the Five-Storeyed Pagoda. No tools or glue are needed.



Product Name:

# Five-Storeyed Pagoda

Wooden Pieces:

**275 PCS**

Assemble Time:

**1.5 H**



Image 5.3.3: Assembly size of the Five-Storeyed Pagoda model: approximately 6.3 x 6.3 x 12.6 inches.

## 6. MAINTENANCE AND CARE

- **Cleaning:** To clean the assembled models, gently wipe with a dry, soft cloth. Avoid using water or chemical cleaners, as these can damage the wood.
- **Storage:** Store the models in a dry environment, away from direct sunlight and extreme temperature fluctuations, to prevent warping or fading of the wood.
- **Handling:** Handle the completed models with care, especially delicate parts, to prevent accidental breakage.

## 7. TROUBLESHOOTING

- **Pieces Don't Fit:**
  - Verify the piece number and ensure it matches the current step in the instruction booklet.
  - Check the orientation of the piece. Many pieces are designed to fit in only one specific way.
  - Ensure there are no small burrs or excess wood on the connecting tabs. Gently remove with a fine-grit sandpaper or small file if necessary.
- **Broken Piece:**

- If a piece breaks during removal from the sheet or assembly, a small amount of wood glue can be used to repair it. Allow sufficient drying time.
  - For significant breakage or missing pieces, contact ROBOTIME customer support for potential replacement parts.
- **LED Lights Not Working (Big Ben):**
    - Check all wire connections to ensure they are secure and correctly inserted according to the instruction diagrams.
    - Ensure batteries (if applicable and not pre-installed) are inserted with correct polarity.
    - Verify the power switch is in the "ON" position.

## 8. PRODUCT SPECIFICATIONS

Brand	ROBOTIME
Model Numbers	TG507 (Big Ben), TGN02 (Five-Storied Pagoda)
ASIN	B0CCY7BHMC
Material	Wood
Recommended Age	14 years and up
Assembly Size (Big Ben)	Approx. 3.9 x 4.2 x 7.5 inches (10 x 10.7 x 19 cm)
Assembly Size (Five-Storied Pagoda)	Approx. 6.3 x 6.3 x 12.6 inches (16 x 16 x 32 cm)
Special Features	Interlocking design (no glue required), LED lighting for Big Ben

## 9. WARRANTY AND SUPPORT

ROBOTIME products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your product or visit the official ROBOTIME website.

For customer support, assistance with assembly, or to inquire about replacement parts, please contact ROBOTIME directly through their official channels. Contact information can typically be found on the product packaging or their website.

**Manufacturer:** ROBOTIME

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This manual is for informational purposes only. Product specifications are subject to change without notice.



[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.

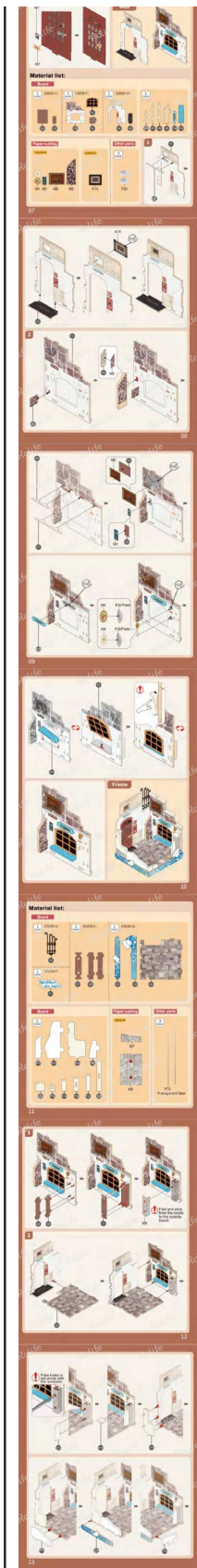


[ROKR Magic Cello Mechanical Music Box AMK63 - Assembly and Product Information](#)

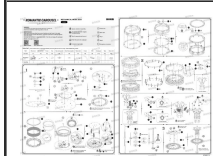
Detailed information about the ROKR Magic Cello, a mechanical music box model AMK63. Includes product features, materials, manufacturer details, and assembly guidance.



[Rolife Sea Holiday Restaurant DS039 Assembly Instructions](#)

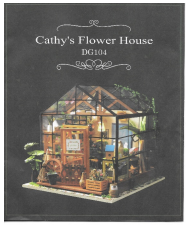


Step-by-step assembly guide for the Rolife Sea Holiday Restaurant (DS039) miniature DIY house kit. Includes warnings, assembly tips, parts list, and tool information.



[ROKR Romantic Carousel Mechanical Music Box AMK62: DIY Wooden Puzzle Assembly Guide](#)  
Detailed assembly instructions for the ROKR Romantic Carousel Mechanical Music Box (Model AMK62). Discover how to build this intricate wooden DIY puzzle with clear steps and parts list.





### [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 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.