

ROBOTIME LK502

ROBOTIME LK502 3D Wooden Treasure Box Puzzle

Instruction Manual

INTRODUCTION

Thank you for choosing the ROBOTIME LK502 3D Wooden Treasure Box Puzzle. This mechanical model kit offers an engaging assembly experience, culminating in a functional treasure box with a unique locking mechanism. Crafted from precision laser-cut wooden pieces, this puzzle requires no glue for assembly, relying on ingenious interlocking components. It is designed to provide both a challenging build and a decorative item for your space.

SAFETY INFORMATION

- **Recommended Age:** This product is recommended for individuals 14 years and up. It contains small parts that may pose a choking hazard for younger children.
- **Handle with Care:** While pieces are laser-cut for smoothness, exercise caution when detaching and assembling to avoid splinters or breakage.
- **Keep Dry:** Wood is susceptible to moisture. Store and assemble the puzzle in a dry environment to prevent warping or damage.
- **Adult Supervision:** Adult supervision is recommended during assembly, especially for younger users, to ensure proper handling and safety.

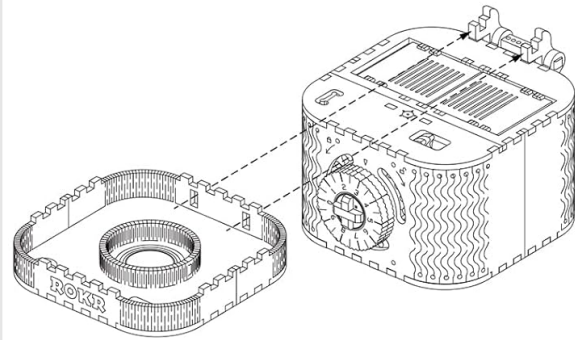
PACKAGE CONTENTS

Upon opening your ROBOTIME LK502 kit, please verify that all components are present:

- Pre-cut wooden sheets (123 pieces)
- Detailed instruction manual with diagrams
- Small piece of wax (for lubricating moving parts)
- Small sandpaper (for smoothing edges if necessary)



Beautiful Packaging



Follow English Instruction Manual



Pop Out Puzzle Pieces



Build Your Own Craft Kit

Image: The kit includes the product packaging, a detailed instruction manual, and multiple sheets of laser-cut wooden pieces ready for assembly.

SETUP AND ASSEMBLY

The ROBOTIME LK502 is designed for self-assembly without the need for glue. Follow the included instruction manual carefully for step-by-step guidance.

1. **Prepare Your Workspace:** Ensure you have a clean, well-lit area with enough space to lay out the wooden sheets and work comfortably.
2. **Identify Pieces:** Refer to the instruction manual to identify each piece on the wooden sheets. Pieces are numbered or lettered for easy identification.
3. **Careful Detachment:** Gently press out each piece from its wooden sheet. If a piece is stubborn, use a small, blunt tool to assist, or carefully cut any remaining connections with a craft knife. Avoid forcing pieces to prevent breakage.
4. **Smooth Edges:** Although laser-cut, some edges might require light sanding for a perfect fit. Use the provided sandpaper if needed.
5. **Interlocking Assembly:** Follow the diagrams in the manual to interlock the pieces. Pay close attention to the orientation of each piece.
6. **Lubricate Moving Parts:** For gears and other moving components, apply a small amount of the provided wax to ensure smooth operation. This is crucial for the locking mechanism.



Image: A user carefully assembling a wooden piece of the puzzle, with the instruction manual open for reference.

Assembly Demonstration Video

Your browser does not support the video tag.

Video: An official demonstration by Robotime Online showcasing the assembly process and the functional aspects of the Treasure Box Puzzle.

OPERATING INSTRUCTIONS

The Treasure Box features a combination lock and a hidden compartment activated by side keys.

Opening the Main Compartment (Combination Lock)

The combination lock uses a three-digit code. The default code is typically provided in your instruction manual or on the bottom of the box. To open:

1. **First Digit:** Turn the dial counter-clockwise for two full circles, then align the first digit of your code with the indicator.
2. **Second Digit:** Turn the dial clockwise for one full circle, then align the second digit of your code with the indicator.

3. **Third Digit:** Turn the dial counter-clockwise directly to the third digit of your code.
4. The box should now be unlocked and the lid can be opened.



Image: Visual guide demonstrating the sequence of turns for the combination dial to unlock the treasure box.

Accessing the Hidden Compartment (Side Keys)

After opening the main lid, you will find two keyholes on the sides of the inner structure. Insert the provided wooden keys into these slots and turn them to reveal a hidden compartment.



Image: The treasure box with its top lid open, showing the internal structure and the two slots for the side keys that unlock a secret compartment.

Closing and Locking the Box

To close the box, simply lower the lid and ensure it clicks into place. The combination lock will automatically reset, securing the box. To re-open, repeat the combination sequence.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe the surface of the puzzle. Avoid using water or chemical cleaners, as these can damage the wood.
- **Lubrication:** If the gears or moving parts become stiff, apply a small amount of the provided wax (or a similar non-liquid lubricant) to the contact points.
- **Storage:** Store the assembled treasure box in a stable environment, away from direct sunlight, extreme temperatures, or high humidity, to prevent warping or fading of the wood.

TROUBLESHOOTING

- **Pieces Not Fitting:** If pieces are too tight, gently sand the edges with the provided sandpaper until they fit snugly without excessive force. If too loose, a small amount of wood glue (not included) can be used, but

this is generally not required for this model.

- **Mechanism Sticking:** Ensure all moving parts, especially gears and the combination dial, are adequately lubricated with wax. Check for any misaligned pieces that might be causing friction.
- **Box Not Opening with Code:** Double-check that you are following the combination sequence precisely, including the full circles and direction of turns. Ensure the dial is aligned correctly with the indicator for each digit.
- **Broken Pieces:** In case of a broken piece, contact ROBOTIME customer support for assistance.

SPECIFICATIONS

Model Number	LK502
Product Dimensions	3.9 x 3.9 x 3.3 inches (9.9 x 9.9 x 8.4 cm)
Item Weight	1.39 pounds (0.63 kg)
Number of Pieces	123
Material	Plywood
Recommended Age	14 years and up

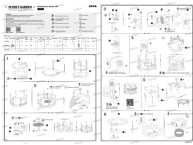
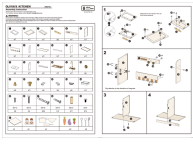
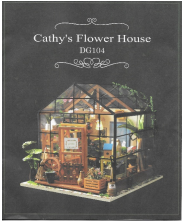





Image: The assembled treasure box with its key, displaying its approximate dimensions.

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your ROBOTIME LK502 3D Wooden Treasure Box Puzzle, please refer to the contact details provided in your product packaging or visit the official ROBOTIME website. Keep your purchase receipt as proof of purchase.

Related Documents - LK502

	<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>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>
	<p>Robotime EC Declaration of Conformity - Product List and Compliance</p> <p>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.</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>ROKR Magic Cello Mechanical Music Box AMK63 - Assembly and Product Information</p> <p>Detailed information about the ROKR Magic Cello, a mechanical music box model AMK63. Includes product features, materials, manufacturer details, and assembly guidance.</p>

