

## ROBOTIME RBT-AMS01

# ROBOTIME 3D Wooden Music Box Christmas Tree Building Kit

Model: RBT-AMS01

## 1. INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your ROBOTIME 3D Wooden Music Box Christmas Tree Building Kit, Model RBT-AMS01. This kit allows you to construct a festive Christmas tree featuring a rotating base, LED lights, and musical melodies. Please read all instructions carefully before beginning assembly.



Image 1.1: The assembled ROBOTIME 3D Wooden Music Box Christmas Tree.

## 2. SAFETY INFORMATION

- **WARNING:** Not suitable for children under 3 years due to small parts which may present a choking hazard.
- Adult supervision is recommended during assembly, especially for younger users.
- Handle wooden pieces with care to avoid splinters or breakage.
- Keep away from open flames and excessive moisture.

- Ensure all electrical components are handled according to instructions to prevent damage.

### **3. PACKAGE CONTENTS**

---

Verify that all components are present before starting assembly. The kit includes:

- Pre-cut wooden sheets (319 pieces)
- Instruction manual
- Music box mechanism
- LED light components
- Small golden balls and decorative elements
- Screwdriver (if applicable)
- Wax for lubrication (if applicable)
- USB Type-C power cable (power adapter not included)



# DIY Crafts Experience



Image 3.1: Overview of the kit contents, including wooden sheets, manual, and accessories.

## 4. ASSEMBLY INSTRUCTIONS

The ROBOTIME 3D Wooden Music Box Christmas Tree is designed for immersive assembly without the need for glue. Follow the detailed step-by-step instructions provided in the included manual.

### General Assembly Tips:

- **Preparation:** Lay out all wooden sheets and identify the pieces according to the manual.
- **Detaching Pieces:** Carefully detach pieces from the wooden sheets. Use a craft knife or sandpaper to smooth any rough edges or burrs, especially on gear components, to ensure smooth operation.
- **Interlocking:** Pieces are designed to interlock precisely. Apply gentle, firm pressure. Avoid forcing

pieces, as this may cause breakage.

- **Electrical Components:** Connect LED lights and the music box mechanism as indicated in the manual. Ensure wires are not pinched during assembly.
- **Testing:** It is advisable to test the electronic components (lights and music) at key stages during assembly, particularly before fully enclosing the mechanism, to ensure functionality.



Image 4.1: An example of the immersive assembly process with pieces laid out and instructions open.



# Promote Brain Development



Image 4.2: Illustrates the hands-on nature of assembling the wooden puzzle.

## 5. OPERATING INSTRUCTIONS

Once assembled, your Christmas Melody Tree can be operated using the integrated switch button. The unit is powered via a Type-C USB cable (not included).

### Powering the Unit:

1. Connect a Type-C USB cable to the designated port on the unit and to a suitable USB power adapter (5V/1A recommended).

### Switch Button Functions:



- **First Touch:** Touch the switch button once to activate the lights and music. The train will run clockwise, and Santa will rotate counter-clockwise.
- **Second Touch:** Touch the switch button again to stop the music, train, and Santa. The LED lights will remain on.
- **Third Touch:** Touch the switch button a third time to turn off all functions (lights, music, and movement).
- **Long Press:** A long press on the switch button will turn off all functions immediately.



Image 5.1: Illustration of the product dimensions and the multi-function switch button.

# Christmas Melody Tree With Music



We Wish You  
a Merry Christmas



Jingle Bells  
Deck the Halls



Image 5.2: The Christmas Melody Tree in operation, featuring lights, music, and movement.

## Key Features:

- **Exquisite Santa Claus:** A finely detailed Santa Claus figure in a sleigh with reindeer.
- **Sparkling Bright Star:** A glowing star crowns the top of the tree.
- **Mobile Small Train:** A charming train circles the base of the tree.
- **Surprise Gifts & Golden Balls:** Decorative elements adorn the tree branches.





Image 5.3: Detail of the Santa Claus and reindeer figures.



Image 5.4: Detail of the mobile small train.



Image 5.5: Detail of the sparkling bright star.



Image 5.6: Detail of the decorative gifts and golden balls.

## 6. MAINTENANCE

---

- **Cleaning:** Dust the assembled model gently with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the model in a dry environment away from direct sunlight and extreme temperatures to prevent warping or fading of the wood.
- **Lubrication:** If any moving parts (e.g., gears) become stiff, apply a small amount of wax (if provided or suitable for wood) to the contact points to ensure smooth operation.
- **Handling:** Always handle the model by its base to prevent damage to delicate components.



## 7. TROUBLESHOOTING

- **Pieces Not Fitting:** Ensure you are using the correct pieces for each step. Gently sand down any burrs or rough edges on the wooden pieces to improve fit. Do not force pieces together.
- **Electronic Components Not Working (Lights/Music/Movement):**
  - Verify that the Type-C USB cable is securely connected to both the unit and a working power source.
  - Ensure all internal wiring connections are correct and secure, as per the assembly manual.
  - Confirm that the switch button is being pressed correctly according to the operating instructions.
  - If the issue persists, carefully re-check the assembly of the electronic module.
- **Movement is Stiff or Grinding:** This often indicates friction in the gears or moving parts. Disassemble the affected section and carefully sand any rough edges or burrs on the gears. Apply a small amount of wax to the gear teeth for smoother operation.
- **Small Decorative Parts Detaching:** For very small decorative elements like antlers, ornaments, or gifts, if the interlocking dots do not hold sufficiently, a small amount of wood glue can be used for a more secure attachment. Apply sparingly.

## 8. SPECIFICATIONS

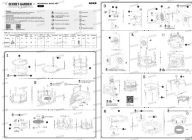
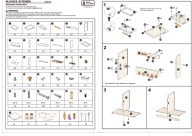
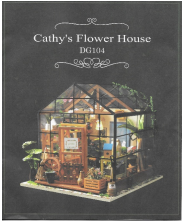


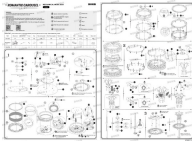
Product Dimensions	11.8 x 11.8 x 0.1 inches (unassembled sheet size)
Assembled Dimensions (Approx.)	11.8 inches (width) x 15.7 inches (height)
Item Weight	3.83 pounds
Model Number	RBT-AMS01
Manufacturer Recommended Age	14 years and up
Number of Pieces	319
Power Source	USB Type-C (cable included, power adapter not included)

## 9. WARRANTY AND SUPPORT

ROBOTIME is committed to customer satisfaction. If any parts are broken or lost during the assembly process, we offer a part replacement service.

For further assistance, technical support, or to request replacement parts, please contact ROBOTIME customer service through the retailer where the product was purchased or visit the official ROBOTIME website.

Please retain your proof of purchase for warranty claims.

	<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="#">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="#">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 Magic Cello Mechanical Music Box AMK63 - Assembly and Product Information</a></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>
	<p><a href="#">ROKR Romantic Carousel Mechanical Music Box AMK62: DIY Wooden Puzzle Assembly Guide</a></p> <p>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.</p>