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› ROKR Starry Night Music Box Kit: Assembly and Operation Manual

ROKR RLCA-AMK51

ROKR Starry Night Music Box Kit: Assembly and Operation Manual

Model: RLCA-AMK51

1. INTRODUCTION

Thank you for choosing the ROKR Starry Night Music Box Kit. This mechanical 3D puzzle allows you to construct a beautiful model inspired by the solar system and the universe. Once assembled, the model features rotating gears and colorful gems, playing the melody "Memory From Cats" when wound. This manual provides essential information for the assembly, operation, and maintenance of your ROKR Starry Night Music Box.



Image 1.1: The ROKR Starry Night Music Box Kit, fully assembled and playing music.

2. PRODUCT OVERVIEW

The ROKR Starry Night Music Box Kit is a unique mechanical 3D puzzle crafted from laser-cut plywood. It is designed for assembly without glue, utilizing interlocking mechanisms.

Key Features:

- **Gear Rotation Musical Box:** Features a wind-up mechanism that activates rotating gears and five-color magic balls, playing the melody "Memory From Cats."
- **No Glue Needed:** All pieces are pre-cut from non-toxic, environmentally friendly plywood, designed for interlocking assembly.
- **Detailed English Instruction:** Includes a comprehensive instruction booklet to guide the assembly process.

- **Decorative Design:** The finished model showcases detailed wooden carving and a "Starry Night" themed base, suitable for display.



Image 2.1: Detailed view of the music box's solar system design, mechanical gears, and decorative base.

3. SAFETY INFORMATION

Please read and understand all safety instructions before beginning assembly.

- **Age Recommendation:** This product is recommended for individuals 14 years and older. It contains small parts that may pose a choking hazard for younger children.
- **Sharp Edges:** While pieces are laser-cut, some edges may be sharp. Handle with care during removal and assembly.
- **Fragile Parts:** Wooden pieces can be delicate. Apply gentle pressure during assembly to prevent breakage.
- **Ventilation:** Assemble in a well-ventilated area.
- **Keep Dry:** Avoid exposure to water or high humidity, which can damage the wooden components.
- **Supervision:** Adult supervision is recommended for younger users.

4. PACKAGE CONTENTS

Verify that all components are present before starting assembly.

- Laser-cut plywood sheets (84 main pieces + 17 spare parts)
- Music box mechanism
- Plastic gems/balls
- Detailed English instruction manual
- Small tools (e.g., sandpaper, screwdriver, wax stick)

GIFT FOR SOMEONE YOU LOVE



Special &
cool gift



Easy to
Build



Image 4.1: Unpacked kit components, showing wooden sheets and assembly tools.

5. SETUP AND ASSEMBLY

Follow the detailed step-by-step instructions provided in the included manual. Assembly typically takes 2-3 hours.

1. Preparation:

- Clear a well-lit, flat workspace.

- Carefully unbox all components and verify against the package contents list.
- Familiarize yourself with the instruction manual and identify all parts.

2. Part Removal:

- Gently press out the laser-cut pieces from the wooden sheets.
- Use the provided sandpaper to smooth any rough edges or lingering connection bits.

3. Assembly Steps:

- Follow the numerical sequence in the instruction manual precisely.
- Pay close attention to the orientation of each piece.
- For tight fits, use the provided wax stick on connecting tabs to reduce friction and prevent breakage.
- Ensure all interlocking mechanisms are securely fitted. Do not force pieces together.

4. Music Box Mechanism Integration:

- Integrate the music box mechanism as indicated in the instructions.
- Ensure the winding spring is accessible for future operation.



Image 5.1: Assembly in progress, highlighting the detailed wooden components.

Important Note: No official seller assembly videos are available for this specific model. Refer to the printed instruction manual for all assembly guidance.

6. OPERATING INSTRUCTIONS

Once fully assembled, your ROKR Starry Night Music Box is ready to operate.

1. Winding the Music Box:

- Locate the winding spring mechanism, typically at the bottom or side of the music box.

- Turn the spring clockwise until you feel a slight resistance. Do not overwind, as this can damage the mechanism.

2. Playing the Melody:

- Release the winding spring. The music box will begin to play the melody "Memory From Cats."
- As the music plays, the internal gears will rotate, causing the five-color magic balls to move.



Image 6.1: Winding the music box mechanism.

7. MAINTENANCE

Proper care will ensure the longevity and optimal performance of your music box.

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the music box in a dry environment, away from direct sunlight and extreme temperature fluctuations.
- **Handling:** Handle the assembled model with care to prevent accidental damage to delicate parts.
- **Lubrication:** If gears become stiff over time, a small amount of wax (similar to the provided stick) can be applied to contact points to ensure smooth operation.

8. TROUBLESHOOTING

If you encounter issues during assembly or operation, refer to the following common problems and solutions.

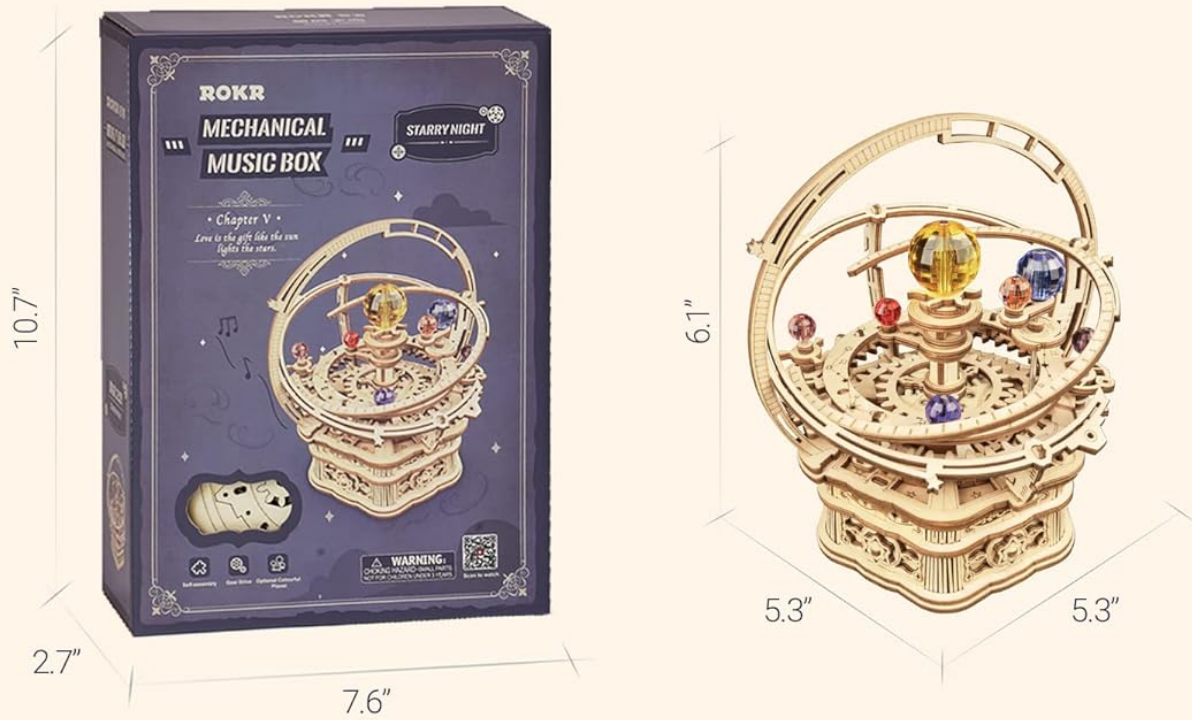
Problem	Possible Cause	Solution
Pieces do not fit together easily.	Tight tolerances, rough edges, incorrect orientation.	<ul style="list-style-type: none"> ◦ Ensure correct piece orientation as per the manual. ◦ Use the provided sandpaper to gently smooth edges. ◦ Apply the wax stick to connecting tabs to reduce friction. ◦ Do not force pieces; excessive force can cause breakage.
Music box mechanism is stiff or not playing.	Overwinding, internal obstruction, gears not aligned.	<ul style="list-style-type: none"> ◦ Ensure the music box is not overwound. ◦ Check for any loose pieces or debris obstructing the gears. ◦ Verify that all gears are correctly aligned and seated according to the assembly instructions. ◦ Apply a small amount of wax to gear contact points if they feel stiff.

Problem	Possible Cause	Solution
A wooden piece broke during assembly.	Excessive force, delicate part.	<ul style="list-style-type: none"> ◦ Check if a spare part is available (kit includes 17 spare parts). ◦ For minor breaks, wood glue can be used to repair the piece. Allow sufficient drying time. ◦ Contact ROKR customer support for replacement parts if necessary (refer to Warranty & Support section).

9. SPECIFICATIONS

Feature	Detail
Model Number	RLCA-AMK51
Product Dimensions (Assembled)	5.3" x 5.3" x 6.1" (13.46 cm x 13.46 cm x 15.49 cm)
Item Weight	1.15 pounds (0.52 kg)
Number of Pieces	84 main pieces (+17 spare parts)
Assembly Time	Approximately 2-3 hours
Recommended Age	14 years and up
Material	Wood, Plastic, Metal
Melody	"Memory From Cats"

PRODUCT INFORMATION



Starry Night

Pieces : 84 (+17 Spare Parts)	Required : 2-3 Hours
Package : 10.7"×7.6"×2.7"	Model : 5.3"×5.3"×6.1"
Level : ★★☆☆☆	Material : Wood,Plastic,Metal

Image 9.1: Product information and dimensions.

10. WARRANTY AND SUPPORT

ROKR is committed to providing high-quality products and customer satisfaction.

- **Parts Replacement:** ROKR offers free parts replacement service within 90 days of purchase for any missing or broken components.

- **Customer Support:** For further assistance, technical support, or to request replacement parts, please contact ROKR customer service through the retailer where the product was purchased or visit the official ROKR website.
- **Online Resources:** Additional tips and community forums may be available online for complex assembly challenges.

