

Tsukurundesu AMK63

Tsukurundesu® 3D Wooden Puzzle Music Box - Magic Cello (Model AMK63)

Instruction Manual

PRODUCT OVERVIEW

This 3D wooden puzzle music box features a magical cello design. Upon completion, it functions as a music box and an elegant interior decoration. Wind the spring on the back to activate the music box, which plays Chopin's Nocturne No. 2, causing the bow to move horizontally and decorative elements to spin. This all-in-one kit includes pre-cut wooden sheets and sandpaper, requiring no special tools for assembly.

Key Features:

- **Interactive Design:** Features a moving bow and spinning decorations when the music box plays.
- **Musical Function:** Plays Chopin's Nocturne No. 2.
- **DIY Assembly:** Enjoy the process of building a detailed wooden model.
- **Decorative Piece:** Serves as a unique and elegant home or office decoration.
- **All-in-One Kit:** Includes all necessary pre-cut wooden sheets and sandpaper.

SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small Parts. This product contains small parts and is not suitable for children under 3 years old. Adult supervision is strongly recommended when children are assembling this product to prevent accidental ingestion or injury.

Keep all packaging materials away from children. Ensure proper ventilation during assembly if using any adhesives (not included).

PACKAGE CONTENTS

Before beginning assembly, please verify that all components are present and undamaged. The kit should contain the following:

- Pre-cut Wooden Sheets (199 pieces)
- Sandpaper
- Music Box Mechanism
- Detailed Japanese Instruction Manual
- Other small accessories (e.g., screws, wax, screwdriver if applicable, as per general Robotime kits)



Image: Kit contents showing various wooden sheets, sandpaper, and other small parts.

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

ASSEMBLY INSTRUCTIONS

Estimated assembly time is approximately 4.5 hours. Follow the steps carefully for optimal results. No special tools are required beyond what is provided in the kit.

General Assembly Tips:

- **Read Instructions:** Thoroughly read the entire instruction manual before starting.
- **Organize Parts:** Carefully remove pieces from the wooden sheets. Use the provided sandpaper to smooth any rough edges.
- **Gentle Handling:** Wooden pieces can be delicate. Apply gentle pressure during assembly.
- **Use Wax:** Apply wax (if included or recommended) to gears and moving parts to ensure smooth operation.
- **Test Fit:** Dry-fit pieces before permanently joining them to ensure correct alignment.

Step-by-Step Visual Guide:

Refer to the included Japanese instruction manual for detailed diagrams and specific part numbers. The following videos provide a visual overview of the assembly process for similar products, demonstrating key techniques.

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Video: Overview of the ROKR Magic Cello 3D Puzzle Music Box assembly and features. This video demonstrates the general construction and the final product's movement and music.

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Video: A detailed look at the assembly process for the Robotime Magic Cello (AMK63) model, showing how various wooden components fit together.

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Video: Another perspective on assembling the Robotime Wooden 3D Puzzle Music Box, highlighting key steps and the intricate details of the model.

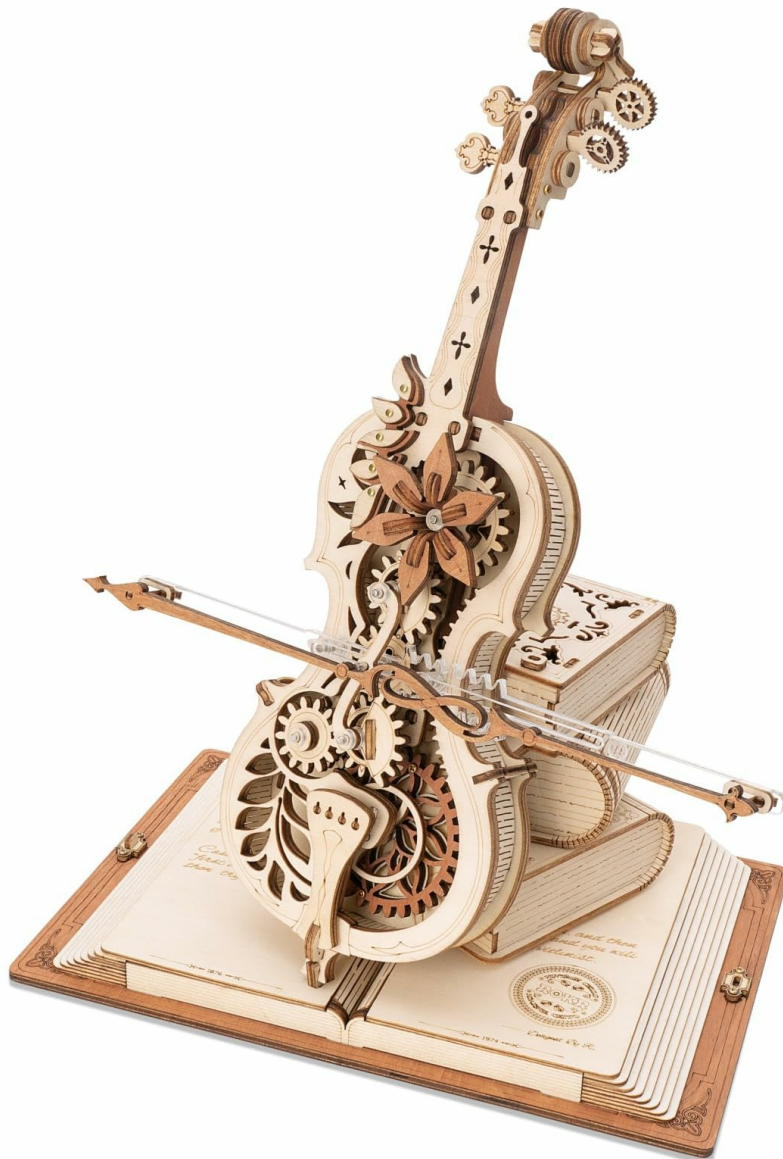


Image: The fully assembled Magic Cello music box.



Image: Detailed view of the internal gears and decorative elements.

OPERATING INSTRUCTIONS

Once assembled, your Magic Cello music box is ready for operation.

1. **Locate the Winding Key:** The winding key is typically located on the back or side of the music box base (the "books").
2. **Wind the Spring:** Gently turn the winding key clockwise until you feel a slight resistance. Do not overwind, as this can damage the mechanism.
3. **Enjoy the Music:** Release the key, and the music box will begin to play Chopin's Nocturne No. 2. Observe the bow moving and decorations spinning in sync with the melody.



Image: The assembled music box in a display setting.

MAINTENANCE

To ensure the longevity and proper functioning of your 3D Wooden Puzzle Music Box, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Lubrication:** If the gears or moving parts become stiff, apply a small amount of wax (paraffin wax or beeswax) to the contact points. Do not use oil-based lubricants.
- **Storage:** Store the model in a dry environment, away from direct sunlight and extreme temperature changes, to prevent warping or damage to the wood.
- **Handling:** Handle the model gently, especially the delicate parts. Avoid dropping or applying excessive force.

TROUBLESHOOTING

If you encounter any issues with your music box, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Music box does not play.	Spring not wound, mechanism jammed, or parts incorrectly assembled.	Ensure the spring is fully wound (without over-winding). Check for any obstructions in the gear mechanism. Review assembly steps for errors.
Bow or decorations do not move smoothly.	Friction in moving parts, lack of lubrication, or misalignment.	Apply wax to gears and pivot points. Verify that all moving parts are correctly aligned and not rubbing against stationary components.
Parts do not fit together.	Rough edges on pieces, incorrect orientation, or manufacturing variation.	Use sandpaper to gently smooth edges. Double-check the instruction manual for correct part orientation. Do not force pieces together.

If the problem persists after attempting these solutions, please contact customer support.

SPECIFICATIONS

- **Model:** AMK63 (Magic Cello)
- **Brand:** Tsukurundesu (Official Robotime Distributor)
- **Material:** Wood
- **Number of Pieces:** 199
- **Finished Size (approx.):** W205 × D185 × H235 mm
- **Estimated Assembly Time:** 4.5 hours
- **Recommended Age:** 14 years and older
- **Music Box Tune:** Chopin Nocturne No. 2
- **Origin:** Manufactured in China

WARRANTY AND SUPPORT

Tsukurundesu is the official authorized importer and distributor of Robotime products in Japan. We offer reliable call support for any inquiries or issues you may have with your product.

For initial defects or any concerns after purchase, please refer to the contact information provided in your Japanese instruction manual or visit the official Tsukurundesu website for support.

Please retain your proof of purchase for warranty claims.