

## Moyu MF8965

# Moyu Meilong 3M Magnetic Speed Cube Robot-Shape Display Box Instruction Manual

Model: MF8965

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## INTRODUCTION

This manual provides instructions for the assembly, operation, and maintenance of your Moyu Meilong 3M Magnetic Speed Cube with Robot-Shape Display Box. Please read these instructions carefully before use to ensure proper handling and to maximize your product experience.

The Moyu Meilong 3M Magnetic Speed Cube features a magnetic positioning system for smoother rotation and adjustable elasticity. The included robot shell allows for creative display and interactive play.

## SETUP AND ASSEMBLY

### Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all parts are present: the Moyu Meilong 3M Magnetic Speed Cube and the robot-shape display box components.

### Assembling the Robot-Shape Display Box

The robot shell is designed for easy assembly and customization. Follow these steps to attach the robot shell to your speed cube:

1. Identify the main body of the robot shell, which will house the speed cube.
2. Gently insert the 3x3 speed cube into the designated slot within the robot shell. Ensure it fits securely.
3. Attach the robot's arms and legs to the main body. These parts are designed to swing flexibly, allowing for various poses.
4. The robot shell can be customized. You may use appropriate non-permanent markers or paints to personalize its appearance.

Image: Step-by-step illustration of how to assemble the robot shell around the speed cube, showing how the cube slides into the body and the limbs attach.



Image: A Moyu cube encased in a white robot shell, with a marker drawing on it, illustrating the "DIY Graffiti, Free Painting" feature for personalization.

## OPERATION

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### Using the Speed Cube

The Moyu Meilong 3M is a 3x3 magnetic speed cube designed for smooth and quick rotations. To operate, hold the cube firmly and rotate its layers to mix and solve the colors. The magnetic positioning system assists in aligning the layers precisely, providing a more stable and controlled turning experience.

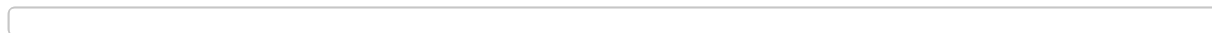


Image: An exploded view of the Moyu Meilong 3M cube, illustrating its internal magnetic positioning system and highlighting features like stable construction, smooth operation, and lightweight design.

### Magnetic Positioning System

The integrated magnetic positioning system uses small magnets embedded within the cube's pieces. These magnets provide a tactile "snap" when layers align, enhancing stability and control during fast solves. This system makes the cube easier to operate and contributes to a smoother overall rotation.



Image: A detailed view of the Moyu Meilong 3M cube's internal mechanism, showing the magnetic positioning system with visible magnets and their interaction points.

### Adjustable Elasticity

The cube features adjustable elasticity, allowing you to fine-tune the tension to your preference. To adjust, locate the tensioning screws, typically under the center caps of each face. Use a small screwdriver (not included) to turn the screws clockwise to tighten (increase tension) or counter-clockwise to loosen (decrease tension). Adjust gradually and test the cube's feel after each adjustment.

### Interactive Play with Robot Shell

Once the cube is housed in the robot shell, you can engage in various interactive play modes. The flexible arms and legs allow the robot to be posed in sitting or standing positions. Multiple robot-encased cubes can be stacked, adding another dimension to play.



Image: Two Moyu cubes, each housed in a white robot shell, shown in dynamic poses, illustrating the interactive and fun aspects of the robot display box.

## MAINTENANCE

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### Cleaning

To clean your speed cube and robot shell, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive cleaners, as these can damage the plastic and colors.

## Lubrication (Optional)

For optimal performance and a smoother turning feel, you may apply a small amount of speed cube lubricant (sold separately) to the internal contact surfaces of the cube. Apply sparingly and work it in by turning the cube. Avoid over-lubrication.

## Storage

Store the cube and robot shell in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

## TROUBLESHOOTING

- **Cube feels stiff or sluggish:**

Check the tension settings. Loosen the screws slightly if the cube feels too tight. Consider applying a small amount of speed cube lubricant.

- **Pieces pop out:**

This usually indicates that the cube's tension is too loose. Tighten the tensioning screws slightly. If a piece pops out, carefully reinsert it, ensuring proper alignment.

- **Robot shell parts are loose:**

Ensure the cube is fully seated within the robot shell. Check that all connecting points for the arms and legs are securely attached.

## SPECIFICATIONS

<b>Brand Name</b>	Moyu
<b>Model Number</b>	MF8965
<b>Item Shape</b>	Cube
<b>Material Type</b>	Plastic
<b>Puzzle Type</b>	Twisty
<b>Educational Objective</b>	Problem Solving Skill, Hand-Eye Coordination
<b>Skill Level</b>	All
<b>Item Dimensions (L x W x H)</b>	3 x 3 x 0.1 inches
<b>Item Weight</b>	0.17 Kilograms
<b>Manufacturer Minimum Age</b>	72 months (6 years)



Image: A visual representation of various Moyu cube sizes, including 2x2, 3x3, 4x4, and 5x5, demonstrating the range of products available from the brand.

## WARRANTY & SUPPORT

### Warranty Information

Moyu products are manufactured to high-quality standards. For specific warranty details, please refer to the documentation included with your purchase or contact the retailer. General return policies typically allow for returns within 30 days of purchase for refund or replacement, subject to retailer terms.

## **Customer Support**

For further assistance, questions, or concerns regarding your Moyu Meilong 3M Magnetic Speed Cube or Robot-Shape Display Box, please contact your point of purchase or visit the official Moyu website for support resources. You can also reach out to the seller "MoYu US" through the Amazon platform for product-specific inquiries.