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> [Moyu RS2M Evolution 2x2 Magnetic Speed Cube Instruction Manual](#)

## MOYU RS2M Evolution

# Moyu RS2M Evolution 2x2 Magnetic Speed Cube Instruction Manual

Model: RS2M Evolution

## 1. INTRODUCTION

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Thank you for choosing the Moyu RS2M Evolution 2x2 Magnetic Speed Cube. This manual provides essential information for understanding, setting up, operating, and maintaining your speed cube to ensure optimal performance and longevity. This cube is designed for enthusiasts and beginners alike, featuring advanced mechanisms for a smooth and stable solving experience.

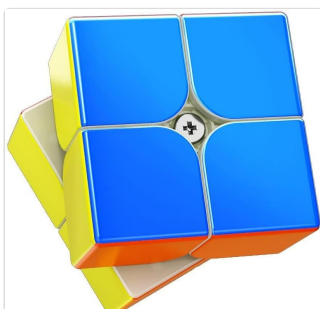
## 2. KEY FEATURES

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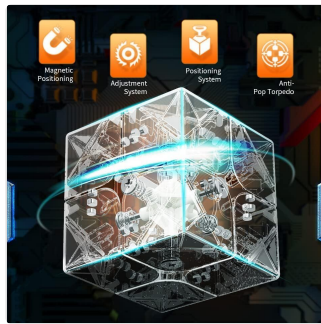
- **Magnetic Positioning:** Equipped with 48 magnets for enhanced stability, precise alignment, and improved turning feel.
- **Dual-Adjustment System:** Features an upgraded system with 5 levels of elasticity and tension, allowing for personalized setup to match individual preferences.
- **Concave Ball Structure:** An internal concave ball design contributes to a lighter cube and reduces stress during extended practice sessions.
- **Stickerless Design:** The cube features a durable, stickerless design with a half-bright color scheme for easy color recognition and a consistent look.
- **Anti-sticky Design:** Round-square center design and dual anti-sticky design reduce inner contact surfaces, promoting smoother and faster turns.

## 3. PRODUCT OVERVIEW

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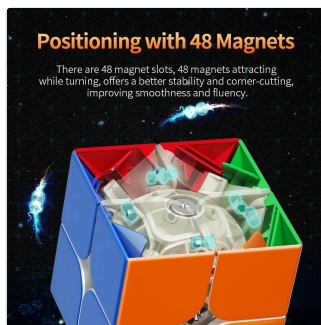
The Moyu RS2M Evolution 2x2 Magnetic Speed Cube, showcasing its vibrant stickerless design and partially turned state.



An X-ray diagram highlighting the internal magnetic positioning, adjustment system, and anti-pop torpedo mechanisms.



Close-up of the dual-adjustment system, illustrating the 5 levels of elasticity and tension for fine-tuning.



An illustration demonstrating the precise magnetic positioning provided by 48 embedded magnets.

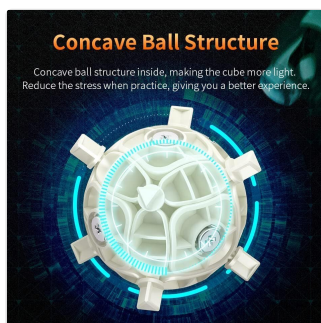


Diagram showing the innovative concave ball structure, designed to reduce weight and enhance turning smoothness.



The half-bright stickerless design, offering clear color contrast and eliminating the need for stickers.

## 4. SETUP AND ADJUSTMENT

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Your Moyu RS2M Evolution speed cube comes pre-assembled and ready for use. However, you can fine-tune its performance using the dual-adjustment system.

### 4.1 Adjusting Tension and Elasticity

1. Locate the center caps on each face of the cube. Gently pry them off to reveal the adjustment screws.
2. Use the provided adjustment tool (or a small screwdriver) to turn the screw.
3. Turning the screw clockwise (tightening) will increase tension and reduce elasticity, making the cube feel more stable.
4. Turning the screw counter-clockwise (loosening) will decrease tension and increase elasticity, making the cube feel looser and faster.
5. Adjust each side evenly to maintain balance. Test the cube after each adjustment to find your preferred feel.

The dual-adjustment system offers 5 distinct levels. Experiment with different settings to find the optimal balance between speed and control for your solving style.

## 5. OPERATION

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The Moyu RS2M Evolution is designed for smooth and fast turning. Its magnetic positioning system assists in aligning layers, making corner-cutting more forgiving and precise.

### 5.1 Basic Turning

- Hold the cube comfortably in your hands.
- Use your fingers to rotate the faces (U, D, L, R, F, B) and layers.
- The magnets will provide a subtle 'snap' into place, aiding in accurate turns.

### 5.2 Corner Cutting

The cube's design allows for excellent corner cutting, meaning you can complete a turn even if the layers are not perfectly aligned. This feature is crucial for speed cubing.

- To perform a corner cut, initiate a turn on one face, then begin turning an adjacent face before the first turn is fully completed.
- The cube's internal structure and magnets will guide the pieces into their correct positions.

## 6. CARE AND MAINTENANCE

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Proper care will extend the life and performance of your speed cube.

- **Cleaning:** Wipe the cube regularly with a soft, dry cloth to remove dust and fingerprints. Avoid using harsh chemicals or abrasive materials.
- **Lubrication:** For optimal performance, apply a small amount of silicone-based speed cube lubricant to the internal contact surfaces. Do not over-lubricate.
- **Storage:** Store the cube in a clean, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the cube or applying excessive force, as this can damage the internal mechanisms or cause pieces to pop out.

## 7. TROUBLESHOOTING

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### 7.1 Pieces Pop Out

- If pieces frequently pop out, the cube's tension may be too loose. Refer to Section 4.1 to tighten the adjustment screws slightly.
- Ensure all pieces are correctly oriented when reassembling.

### 7.2 Cube Feels Stiff or Grindy

- The cube may require lubrication. Apply a small amount of speed cube lubricant as described in Section 6.
- Check if the tension is too tight. Loosen the adjustment screws slightly (Section 4.1).

### 7.3 Uneven Turning

- Ensure that the tension on all six faces is adjusted evenly. Uneven tension can lead to inconsistent turning.

## 8. SPECIFICATIONS

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Specification	Detail
Model Number	RS2M Evolution
Dimensions	3.5 x 2.5 x 2.5 inches
Item Weight	3.2 ounces
Magnetic System	48 Magnets
Adjustment System	Dual-adjustment with 5 elasticity levels
Design	Stickerless, Half-Bright Scheme
Recommended Age	3 years and up

## 9. SAFETY INFORMATION

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This product is intended for recreational use. Please observe the following safety guidelines:

- Keep small pieces away from children under 3 years of age to prevent choking hazards.
- Do not attempt to force pieces or disassemble the cube beyond normal adjustment, as this may cause damage.
- Use the product as intended.

## 10. WARRANTY AND SUPPORT

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For information regarding warranty, returns, or customer support, please refer to the retailer's policy or contact Moyu customer service directly. Specific warranty details were not provided in the product information.