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› Moyu Mirror Cube V2 3x3 Magnetic Stickerless Cube Instruction Manual

Moyu 8985-01

Moyu Mirror Cube V2 3x3 Magnetic Stickerless Cube Instruction Manual

Model: 8985-01

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Moyu Mirror Cube V2. Please read these instructions carefully to ensure proper use and longevity of your product.

The Moyu Mirror Cube V2 is a 3x3 magnetic stickerless puzzle cube designed for both beginners and advanced users. It features a unique irregular shape and a reflective coating, offering a distinct solving experience.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

Keep the cube away from infants and young children to prevent accidental ingestion of small parts.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x Moyu Mirror Cube V2 (Magnetic UV Coated Version, Blue)



Image: Moyu Mirror Cube V2 (Blue) with its original packaging.

4. PRODUCT FEATURES

- **Unique Aesthetic Design:** Irregular shape and reflective coating.
- **High-Quality Materials:** Premium ABS plastic with mirror-finish coating.
- **Magnetic Positioning System:** Equipped with 48 magnets for enhanced precision and control.
- **Adjustable Tension:** High-precision springs allow for customizable tension settings.
- **Lightweight Design:** Hollow internal design for smooth, effortless rotations.
- **Compact Size:** 56mm optimized size for comfortable grip.

4.1 Lightweight Design

The cube features a hollow internal design, which reduces its overall weight. This design contributes to effortless spinning and a comfortable handling experience.

▶ Lightweight Design ◀

Effortless Handling

A Champion of Weight Reduction

56mm optimized size offers a comfortable grip that fits perfectly in your hands.

Hollow interior design reduces weight for effortless spinning.



Image: Illustration of the cube's lightweight design and optimized 56mm size.

4.2 Magnetic System

This version of the Mirror Cube V2 includes 48 edge and corner positioning magnets. These magnets provide strong mutual attraction between pieces, ensuring crisp and rapid turns with instant alignment assistance.

► Magnetic System ◀

48 Edge and Corner Positioning Magnets

- Classic edge-corner magnetic positioning configuration.
- Strong mutual magnetic attraction between pieces ensures crisp, rapid turns.
- Magnetic assistance enables instant alignment.



Image: Detailed view of the 48 edge and corner positioning magnets within the cube structure.

4.3 Adjustable Tension

The cube is equipped with high-precision springs in its core, allowing for accurate rebound after multiple adjustments. This customizable tension system enables precise adjustments to cater to various handling preferences, giving you control over the cube's feel and speed.

► Adjustable Tension ◀

Enhanced Handling

Mirror speed in your control.

High-precision springs in the core ensure accurate rebound after multiple adjustments.

Customizable tension allows precise adjustments for your preferred feel.

Caters to various handling preferences.



Image: Illustration of the adjustable tension system with high-precision springs in the cube's core.

5. SETUP

The Moyu Mirror Cube V2 comes pre-assembled and ready for use. No complex setup is required.

1. **Unboxing:** Carefully remove the cube from its packaging.
2. **Initial Inspection:** Check the cube for any visible damage or loose parts. Ensure all pieces move smoothly.
3. **First Turns:** Gently rotate each face of the cube to familiarize yourself with its movement and magnetic feel.

6. OPERATING THE CUBE

The objective of the Mirror Cube V2 is to return all faces to a uniform shape, as opposed to uniform color like a traditional Rubik's Cube. Each piece has a unique size and shape, which changes as you rotate the faces.

1. **Scramble the Cube:** Rotate the faces randomly to mix up the shapes.

2. **Identify Pieces:** Observe the different sizes and shapes of the pieces. The center pieces are fixed, while edge and corner pieces vary in size.
3. **Solving Strategy:** Apply standard 3x3 solving algorithms, focusing on matching piece shapes and sizes rather than colors. The magnetic system will assist with alignment during turns.
4. **Adjusting Tension (Optional):** If you prefer a looser or tighter feel, you can adjust the tension. This typically involves removing the center caps and using a screwdriver to turn the screws inside. Turn clockwise for tighter tension, counter-clockwise for looser tension. Adjust incrementally and test the feel.

7. MAINTENANCE

Proper maintenance ensures the longevity and smooth operation of your Moyu Mirror Cube V2.

- **Cleaning:** Use a soft, dry cloth to wipe down the cube's surfaces. Avoid abrasive cleaners or solvents, as they may damage the UV coating.
- **Lubrication (Optional):** For advanced users, specialized cube lubricants can be applied to the internal mechanisms to enhance turning speed and smoothness. Apply sparingly according to the lubricant's instructions.
- **Storage:** Store the cube in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

8. TROUBLESHOOTING

If you encounter any issues with your Moyu Mirror Cube V2, refer to the following common solutions:

- **Cube feels stiff or sluggish:**
 - Ensure the tension screws are not overtightened. Loosen them slightly if needed.
 - Consider applying a small amount of cube lubricant.
- **Pieces pop out:**
 - This can happen if the tension is too loose or if the cube is turned too aggressively. Try tightening the tension screws slightly.
 - Carefully reinsert any popped pieces.
- **Magnets feel weak or inconsistent:**
 - Ensure the cube is clean and free of debris that might interfere with magnetic attraction.
 - This is less common with new cubes; if the issue persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Product Model	Moyu Mirror Cube V2 (Magnetic UV Coated Version)
Item Model Number	8985-01
Brand	Moyu
Product Dimensions	2.2 x 2.2 x 0.1 inches
Item Weight	3.52 ounces
Material	Premium ABS Plastic with Mirror-Finish UV Coating
Magnets	48 Edge and Corner Positioning Magnets
Recommended Age	10 years and up

9.1 Product Series Information

The Moyu Mirror Cube V2 is part of a series with different configurations:

► Product Series Information ◀

Master Mirror Speedcubing Now (Mirror Cube V2)

Product Model	Mirror Cube V2	Mirror Cube V2 Magnetic Magic Cloth Version	Mirror Cube V2 Ball Core Magnetic Magic Cloth Version
Number of Magnets	/	48 Magnets	72 Magnets
Ball Core Magnets	/	/	12 Magnets
Edge-Corner Positioning	/	✓	✓
Ball shaft positioning	/	/	✓
Core Structure	Integrated Core	Integrated Core	Integrated Ball Core
Cube Colors	Starry Night Blue, Aurora Green	Starry Night Blue, Aurora Green	Rose Gold, Space Silver
Exterior Craftsmanship	Matte Finish	Magic Cloth Finish	Magic Cloth Finish

Image: Comparison table for Moyu Mirror Cube V2 series, detailing features like magnet count and core type.

This manual specifically covers the "Mirror Cube V2 Magnetic Magic Cloth Version" with 48 magnets, integrated core, and available in Starry Night Blue or Aurora Green (this specific product is Blue).

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Specific warranty details for the Moyu Mirror Cube V2 are typically provided at the point of purchase or on the manufacturer's official website. Please retain your proof of purchase for any warranty claims.

10.2 Customer Support

For further assistance, technical support, or inquiries regarding your Moyu Mirror Cube V2, please contact Moyu customer service. You can often find contact information on the product packaging or by visiting the official Moyu store on Amazon: Visit the Moyu Store on Amazon

