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Other MF9301

Professional Speed Cube Set (2x2, 3x3, 4x4, 5x5) MF9301 User Manual

Model: MF9301 | Brand: Other

1. Introduction

This manual provides instructions for the Professional Speed Cube Set (MF9301), which includes 2x2, 3x3, 4x4, and 5x5 speed cubes. These cubes are designed for puzzle enthusiasts and speedcubers, offering smooth rotation and durable construction. This set is suitable for individuals aged 6 years and above.

The set includes:

- One 2x2 Speed Cube
- One 3x3 Speed Cube
- One 4x4 Speed Cube
- One 5x5 Speed Cube

2. Product Features

The speed cube set boasts several features designed for optimal performance and durability:

- **High-Quality Material:** Constructed from durable ABS plastic, ensuring the cubes are eco-friendly, safe, and non-toxic. They are designed to be wear-resistant.
- **Smooth Rotation:** Each cube features an excellent turning mechanism for smooth and fast rotations, providing a satisfying solving experience.
- **Anti-Pop Structure:** Designed with advanced anti-disassembly technology and a robust structure to prevent pieces from popping out during intense solving sessions, while maintaining good corner-cutting capabilities.
- **Adjustable Tension:** The cubes are fully tensionable, allowing users to customize the feel and performance to their preference. They come pre-tensioned and lubricated, ready for immediate use.



Image 1: The Professional Speed Cube Set, featuring 2x2, 3x3, 4x4, and 5x5 cubes.

3. Setup

Your speed cube set comes pre-tensioned and lubricated from the factory, ready for immediate use. No assembly is required. Simply remove the cubes from their packaging, and they are ready to be scrambled and solved.



Image 2: The speed cube set packaged in a gift box.

4. Operating Instructions

To use your speed cube:

1. **Scramble the Cube:** Hold the cube firmly and rotate its layers in various directions to mix the colors on all faces.
2. **Solve the Cube:** The objective is to manipulate the cube by rotating its layers until each face displays a single, solid color. Utilize the smooth turning mechanism for quick and precise movements.



Image 3: Demonstrating the flexible movement and corner-cutting of the speed cubes.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your speed cubes:

- **Cleaning:** Keep your speed cubes clean and free from dust and debris. A soft, dry cloth can be used to wipe the surfaces.
- **Lubrication:** If the cubes begin to feel stiff or less smooth over time, apply a small amount of specialized speed cube lubricant (not included) to the internal mechanisms. Avoid using oil-based lubricants not designed for speed cubes, as they can damage the plastic.
- **Tension Adjustment:** Each cube's tension can be adjusted. To do this, gently pry off the center cap on any face. Underneath, you will find a screw. Use a small screwdriver to tighten the screw for a tighter feel or loosen it for a looser feel. Adjust gradually and test the cube's movement after each adjustment to find your preferred tension.

6. Troubleshooting

Here are solutions to common issues you might encounter:

- **Cube "Pops":** If pieces of the cube come out during use, this is often referred to as a "pop." Carefully reinsert the pieces into their correct positions. This can sometimes indicate that the cube's tension is too loose.
- **Stiffness or Grinding:** If the cube feels stiff, grinds, or is difficult to turn, it may require lubrication. Refer to the "Maintenance" section for lubrication instructions.
- **Too Loose/Too Tight:** If the cube feels too loose (leading to frequent pops) or too tight (making turns difficult), adjust the tension using the screws located under the center caps, as detailed in the "Maintenance" section.

7. Specifications

Color	Multi-color
Material	ABS Plastic

Approximate Weight	560 grams (for the set)
Package Contents	1x 2x2 Speed Cube, 1x 3x3 Speed Cube, 1x 4x4 Speed Cube, 1x 5x5 Speed Cube
2x2 Cube Dimensions	1.97 x 1.97 inches (50 x 50 mm)
3x3 Cube Dimensions	2.2 x 2.2 inches (56 x 56 mm)
4x4 Cube Dimensions	2.45 x 2.45 inches (62 x 62 mm)
5x5 Cube Dimensions	2.5 x 2.5 inches (64 x 64 mm)
Recommended Age	6 years and above

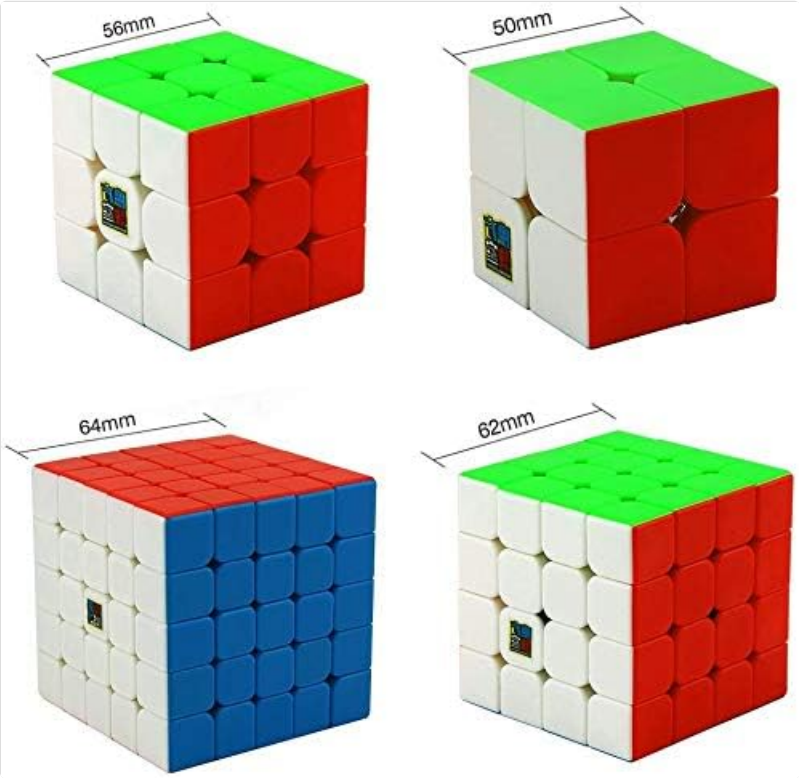


Image 4: Dimensions of the 2x2, 3x3, 4x4, and 5x5 speed cubes.

8. Warranty Information

No specific warranty information is provided with this product. Please refer to the retailer's return policy or contact the seller directly for details regarding any applicable guarantees or warranties.

9. Support

For product support, inquiries, or assistance, please contact the retailer from whom you purchased this speed cube set. Ensure you have your purchase details readily available.

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