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> [Moyu Weilong WRM V9 2023 MagLev Ball-core UV Coated Speed Cube 3x3 Instruction Manual](#)

Moyu YJ8279

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Model: YJ8279

INTRODUCTION

The Moyu Weilong WRM V9 2023 MagLev Ball-core UV Coated Speed Cube 3x3 is a high-performance puzzle cube designed for speedcubing enthusiasts. This model features an innovative MagLev magnetic system, a Ball-Core positioning system, and a UV-coated surface for enhanced durability and feel. It offers a dual adjustment system for precise customization of tension and magnetic strength, ensuring a smooth and stable solving experience.

SAFETY INFORMATION

Choking Hazard: This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended for young users.

PACKAGE CONTENTS

Upon opening the package, please ensure all the following items are present:

- Moyu Weilong WRM V9 Speed Cube
- Additional magnets (for customization)
- Anti-stick components (for maintenance)
- Adjustment tool (if included, for tension and magnetic strength)

SETUP AND INITIAL USE

The Moyu Weilong WRM V9 is ready for use right out of the box. No assembly is required. For optimal performance, it is recommended to familiarize yourself with the cube's default settings before making any adjustments.

The cube features a UV-coated surface, which provides a smooth and durable finish. Handle with clean hands to maintain its appearance and tactile feel.

OPERATING INSTRUCTIONS

Magnetic System and Ball-Core Positioning

The WRM V9 incorporates a sophisticated magnetic system with 88 internal magnets, including 8 magnets within the ball-core. This design enhances stability, provides precise alignment, and offers a strong, controlled feel during turns.



Image: Diagram illustrating the internal magnetic system and ball-core positioning of the Moyo Weilong WRM V9, highlighting the dual-drive magnetic field and 43-degree assistant alignment.

Dual Adjustment System (MagLev)

The cube features a 9-level dual adjustment system, allowing you to fine-tune both the elasticity and magnetic strength. The MagLev technology utilizes magnetic repulsion to reduce friction, resulting in a smoother and quieter turning experience compared to traditional spring systems.

To adjust, locate the adjustment mechanism under the center caps. Use the provided tool to rotate the screw for elasticity and the outer ring for magnetic strength. Experiment with different settings to find your preferred feel.

Strong Inner Core Born to be a King



<ul style="list-style-type: none"> 8-Magnet Ball Core 8 Corner Piece Feet Magnets Additional Core Support 	Simple Core
Ball Core Positioning 1.0 	<ul style="list-style-type: none"> Classic Core Stable Performance
<ul style="list-style-type: none"> 8-Magnet Ball Core 8 Corner Piece Feet Magnets 12 Edge Piece Feet Magnets Enhanced Core Support 	Ball Core Positioning 3.0
Ball Core Positioning 2.0 	<ul style="list-style-type: none"> 20-Magnet Ball Core 8 Corner Piece Feet Magnets 12 Edge Piece Feet Magnets Maximum Core Support

Image: Illustration of the 9-level dual adjustment system, showing the MagLev mechanism for reduced friction and precise locking, and mechanical springs for linear elasticity and stable rebound.

Anti-Pop Design and Corner Cutting

The WRM V9 is engineered with internal and external anti-pop feet to prevent pieces from dislodging during fast solves, enhancing the cube's stability. Additionally, its optimized corner-cutting design allows for significant forgiveness, with capabilities exceeding 55 degrees forward and 35 degrees reverse, minimizing lock-ups and improving speed.

Dual-Drive Magnetic Force Easily Dominate the Cubing Community

Repelling Magnetic Rings
The Push-Pull
Sensation of Repulsion

Dual Adjustment System
9 Levels of Adjustment
Precise Adjustment

43° +Assistant Alignment
Smooth and Crisp Delight

Image: Diagram showing the internal and external anti-pop feet design of the Moyu Weilong WRM V9, which improves cube stability and prevents pieces from falling apart.



Image: Visual representation of the Moyu Weilong WRM V9's corner-cutting capabilities, demonstrating 55-degree forward and 35-degree reverse corner-cuttings.

MAINTENANCE

- **Cleaning:** Wipe the cube regularly with a soft, dry cloth to remove dust and fingerprints. Avoid using harsh chemicals or abrasive materials that could damage the UV coating.
- **Lubrication:** For advanced users, applying a small amount of speed cube lubricant can further enhance the turning feel. Apply sparingly to the internal contact points and work it in by turning the cube.
- **Storage:** Store the cube in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cube feels too tight or too loose.	Incorrect tension or elasticity settings.	Adjust the 9-level dual adjustment system using the provided tool. Turn clockwise for tighter, counter-clockwise for looser.
Pieces feel sticky or rough.	Dust accumulation or lack of lubrication.	Clean the cube's surface. Consider applying a small amount of speed cube lubricant.
Cube "pops" (pieces come out).	Very loose tension settings or aggressive turning style.	Tighten the cube's tension slightly. Practice a smoother turning technique. The anti-pop design should minimize this.

Problem	Possible Cause	Solution
Magnetic alignment feels weak.	Magnetic strength setting is too low.	Adjust the magnetic strength using the outer ring of the adjustment mechanism under the center caps.

SPECIFICATIONS

Model: YJ8279

Product Dimensions: 2.16 x 2.16 x 2.16 inches (55 x 55 x 55 mm)

Item Weight: 5 ounces

Manufacturer: Moyu

Recommended Age: 6 years and up

Magnetic System: MagLev with Ball-Core Positioning (88 magnets total, 8 in ball-core)

Adjustment System: 9-level Dual Adjustment

Surface Finish: UV Coated

Corner Cutting: Approximately 55° forward, 35° reverse



Image: Close-up view of the Moyu Weilong WRM V9, highlighting its UV-coated surface for an impressive appearance and scratch/slip resistance.

The Choice of Pros Certified by Champions

Highly Recommended by Team MoYu Members

				
Luke Garrett(USA)	Martin Vædele Egdal (Denmark)	Jode Brewster(AUS)	Tommy Cherry(USA)	Patrick Ponce (USA)
3.44s 3x3x3 single WR2 5.03s 3x3x3 average WR4 0.51s 2x2x2 single WR4. 9.46s 3x3x3 one-handed average WR5	Sum of rank No. 1 in the world 2 World WCA Records 201 Danish WCA Records	3.88s 3x3x3 single WCA OcR 0.53s 2x2x2 single WCA OcR 3 SQ-1 WCA Oceania Records SQ-1 Second Place in WCA World Championship 2019	12.78s 3x3x3 blindfolded World WCA Record average 8 World WCA Records sum of rank No.2 in the world	Broke the 3x3x3 WCA WR single with 4.69s broke the 3x3x3 one-handed WCA WR average with 8.70s

Image: Comparison table detailing different versions of the Weilong WRM V9 series, including Magnetic, MagLev, Ball Core UV Coated, and 20-Magnet Ball Core MagLev Full Positioning UV Coated versions, showing their adjustment systems, core types, magnet counts, and exterior craftsmanship.

WARRANTY AND SUPPORT

Moyu products are manufactured to high-quality standards. For any issues or inquiries regarding your Moyu Weilong WRM V9 speed cube, please contact the retailer where you purchased the product or visit the official Moyu website for support information.

For more information about Moyu products, you can visit the [Moyu Store on Amazon](#).

