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LiangCuber 128

LiangCuber QY Toys 7x7 Speed Cube Instruction Manual

Model: Qixing S 7x7x7 (Model Number: 128)

PRODUCT OVERVIEW

The LiangCuber QY Toys 7x7 Speed Cube, model Qixing S, is a stickerless 7x7x7 magic cube puzzle designed for enthusiasts and beginners alike. It features a robust construction and smooth turning mechanisms for an optimal solving experience.

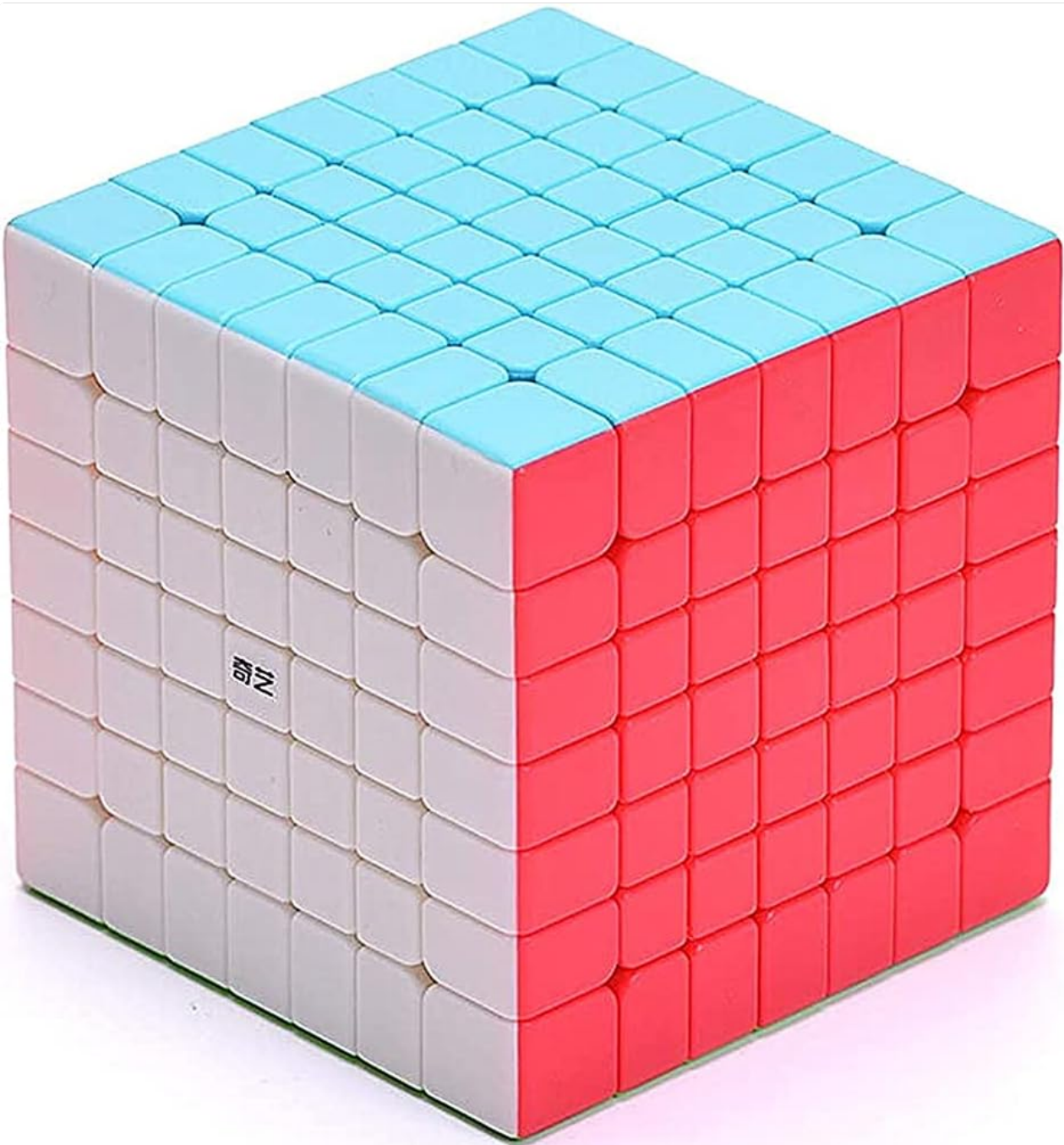


Image: The LiangCuber QY Toys 7x7 Speed Cube, showcasing its vibrant stickerless design.

KEY FEATURES

- **Anti-stick Design:** Features an edge contact surface anti-stick groove and two-level card foot, providing excellent anti-stick performance for smooth turns.
- **Integrated Molding Technology:** The central block utilizes advanced integrated die-out technology, resulting in smoother accessory surfaces, more accurate and stable data, and an improved middle layer feel.
- **Optimized Large Rounded Design:** Inner layers are rounded to ensure cube stability. Larger rounded corners offer exceptional fault tolerance for initial turns.
- **Extra Wide Outer Layer Design:** The outer part of the Qixing S is designed with a widened width, significantly improving overall control and aiding in faster solving, especially for 3x3 stages.

- **Frosted Surface:** The cube's surface is frosted, which helps avoid scratches after long-term use and does not reflect light, making color recognition easier in low light conditions. It also helps prevent fingerprints.

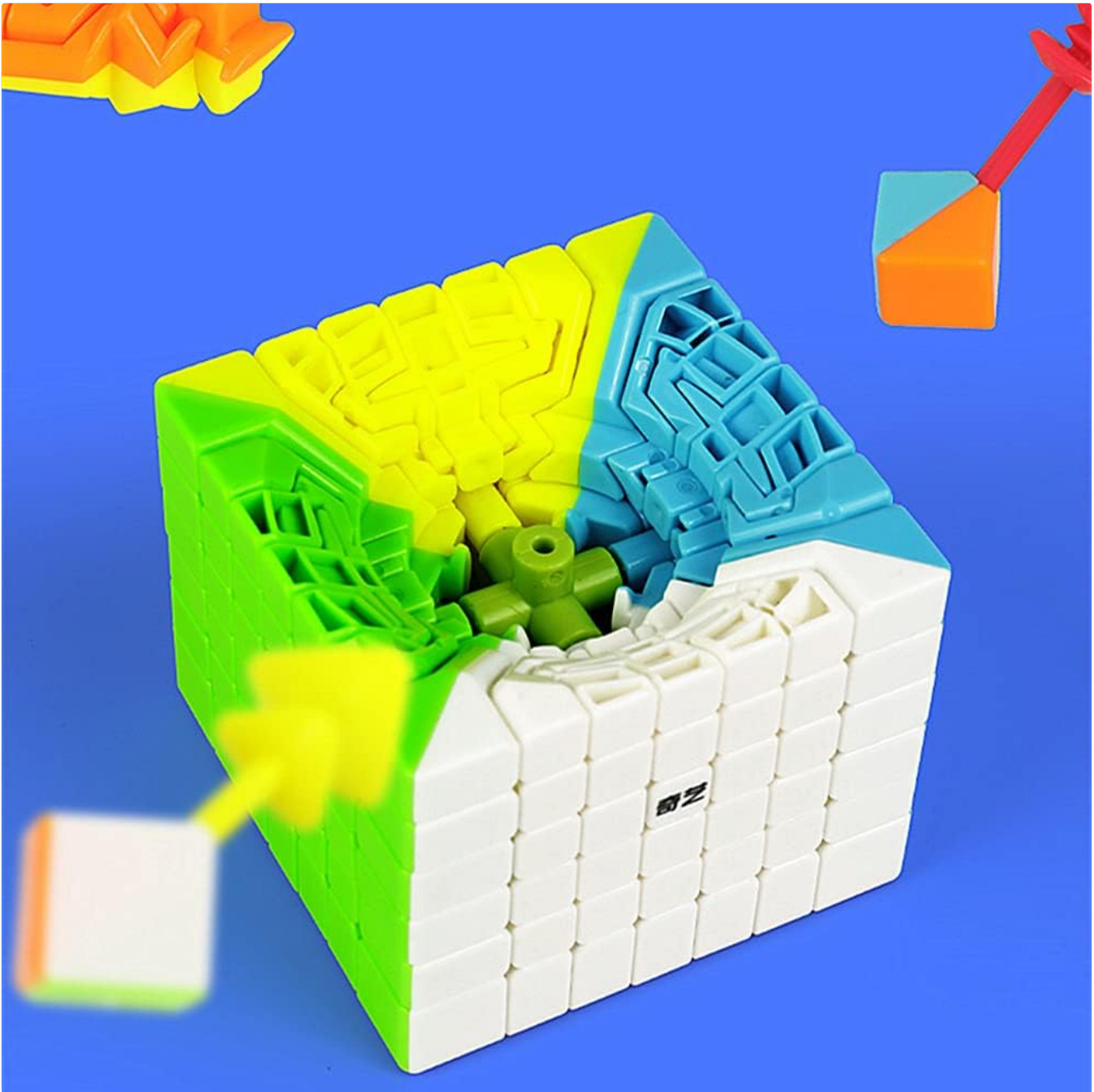


Image: A view of the cube's internal mechanism, highlighting the anti-stick design and integrated core for smooth operation.

SETUP

The LiangCuber QY Toys 7x7 Speed Cube comes pre-assembled and ready for use. No complex setup is required. Simply remove it from its packaging.

First Use Considerations:

- Upon first use, the cube may feel slightly stiff. This is normal. Continued use will help break in the mechanism, leading to smoother turns.
- Inspect the cube for any visible damage from shipping. If any issues are found, refer to the "Troubleshooting" section.



Image: The product packaging for the QY Speed Cube, indicating the 7x7 model and stickerless design.

OPERATING THE CUBE

The 7x7 speed cube operates by rotating its layers to mix and then solve the colors. Each face of the cube has a distinct color. The objective is to return each face to a single, solid color.

Basic Movements:

- **Face Turns:** Rotate any of the six faces (Front, Back, Up, Down, Left, Right) 90, 180, or 270 degrees clockwise or counter-clockwise.
- **Slice Turns:** For a 7x7 cube, you can also rotate inner layers, often referred to as "slices." This allows for more complex manipulations.
- **Corner Cutting:** The optimized large rounded design allows for better corner cutting, meaning you can complete a turn even if the layers are not perfectly aligned. This enhances speed and fluidity.

For detailed solving algorithms and techniques, numerous resources are available online. This manual focuses on the physical operation and maintenance of the cube.

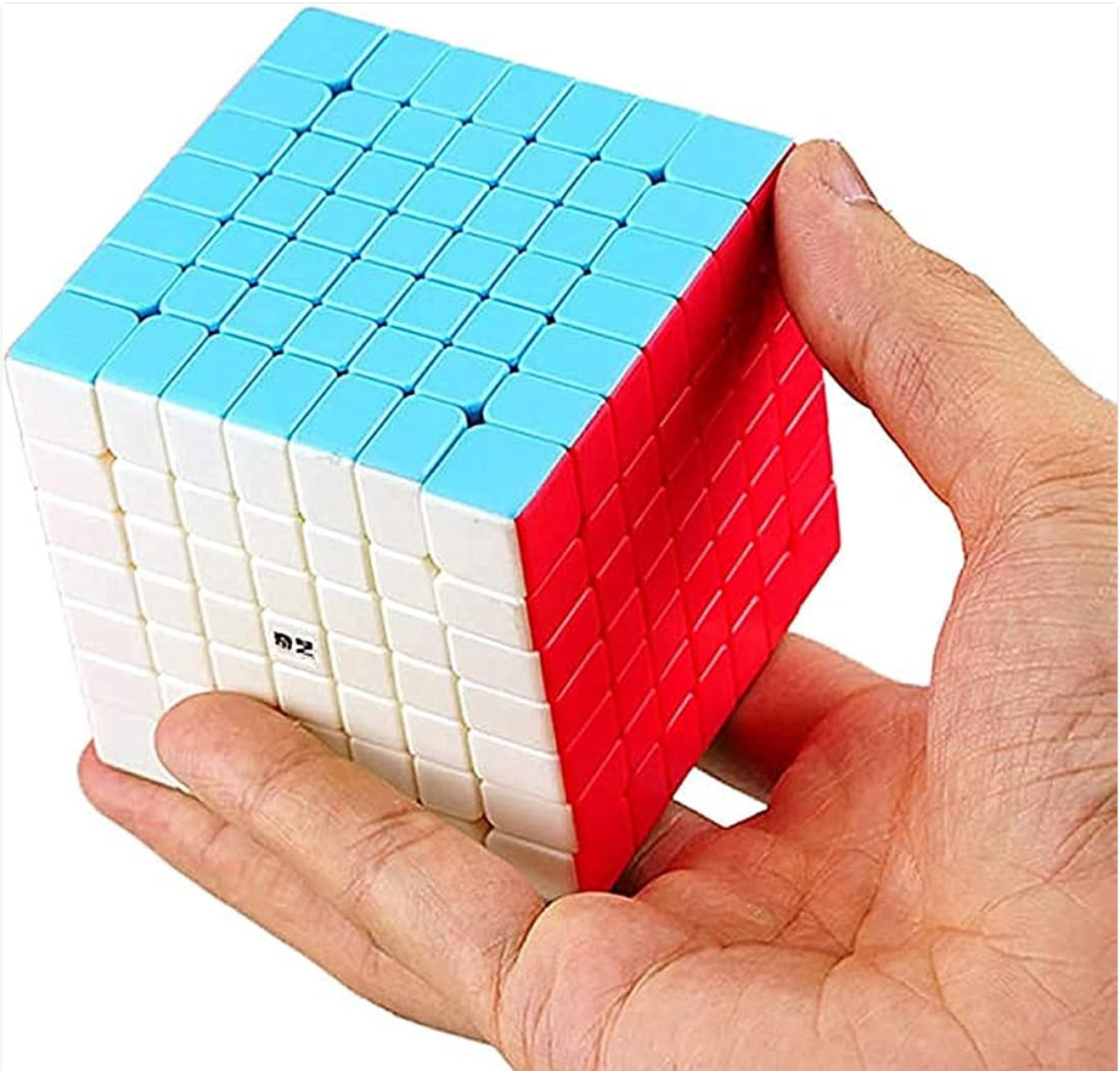


Image: A hand demonstrating the comfortable grip and size of the 7x7 speed cube during operation.

Official Product Video:

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Video: An official product video demonstrating the features and smooth operation of the QY Toys 7x7 Speed Cube. This video highlights the cube's design and turning capabilities.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your speed cube.

- **Cleaning:** Wipe the cube regularly with a soft, dry cloth to remove dust and fingerprints. The frosted surface is designed to resist fingerprints, but occasional cleaning is still beneficial.
- **Lubrication:** For advanced users seeking smoother turns, specialized silicone-based cube lubricants can be

applied sparingly to the internal mechanisms. Avoid using oil-based lubricants as they can damage the plastic.

- **Storage:** Store the cube in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Handling:** While durable, avoid dropping the cube from significant heights or applying excessive force during turns, as this can lead to damage or pieces popping out.

TROUBLESHOOTING

Here are solutions to common issues you might encounter with your speed cube:

Issue	Possible Cause	Solution
Cube feels stiff or rough	New cube, needs breaking in; lack of lubrication; dust accumulation.	Continue using the cube to break it in. Apply a small amount of specialized cube lubricant. Clean the cube.
Pieces pop out during turns	Aggressive turning; cube tension too loose; manufacturing defect.	Turn the cube more gently. If the issue persists, the cube might need tensioning (requires disassembly, consult online guides if comfortable). Reinsert popped pieces carefully.
Layers are difficult to align for turns	Misalignment during previous turn; cube tension too tight.	Ensure layers are as aligned as possible before attempting a turn. If consistently difficult, the cube might need tensioning.
Scratches on the surface	Normal wear and tear; improper storage; rough handling.	The frosted surface is designed to minimize scratches, but they can occur over time. Store the cube in a protective pouch or box.

SPECIFICATIONS

Attribute	Detail
Product Name	LiangCuber QY Toys 7x7 Speed Cube Stickerless Qixing S
Model Number	128
Product Dimensions	2.76 x 2.76 x 2.76 inches (approx. 6.7 x 6.7 x 6.7 cm)
Item Weight	7 ounces
Manufacturer	Qiyi
Recommended Age	3 years and up
Design	Stickerless, Frosted Surface

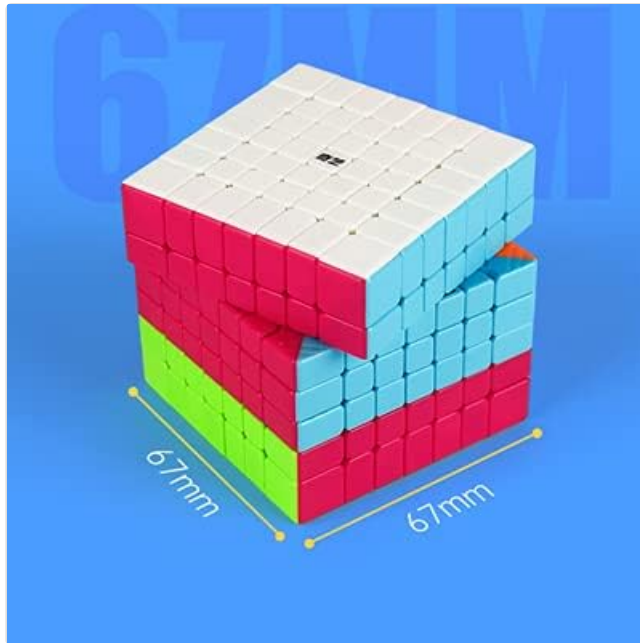


Image: Diagram illustrating the dimensions of the 7x7 speed cube, measuring approximately 67mm on each side.

WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the official LiangCuber website or contact the seller directly through the platform where the product was purchased.

LiangCuber is committed to providing professional and quality services. Products sold are guaranteed to be original.

For further assistance, you may visit the LiangCuber Store on Amazon.