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> GAN 11 M Pro 3x3 Magnetic Speed Cube Instruction Manual

GAN GAN 11 M Pro

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Model: GAN 11 M Pro

1. INTRODUCTION

The GAN 11 M Pro is a 3x3 magnetic speed cube designed for optimal performance and customization. This manual provides detailed instructions for its setup, operation, maintenance, and adjustment to ensure the best cubing experience.



Figure 1: The GAN 11 M Pro 3x3 Magnetic Speed Cube, showcasing its stickerless design with white, red, and blue faces visible, and a partially turned corner revealing the internal black core.

2. KEY FEATURES

- **Core Magnet System:** Enhances stability and control.
- **Lightweight Design:** Weighs approximately 63 grams for improved speed and handling.
- **Customizable Settings:** Offers 7 levels of magnet strength, 4 nut distances, and 6 levels of elasticity for a total of 168 configurations.
- **Multiple Surface Options:** Available in Glossy, Frosted, and Rubberized finishes. This specific model features a Frosted Surface with a Black Internal core.
- **Anti-POP/Full Corner-Cutting:** Designed for smooth turns and to prevent pieces from popping out during solves.

3. WHAT'S IN THE BOX

Your GAN 11 M Pro package includes the following items:

- GAN 11 M Pro 3x3 Magnetic Speed Cube
- GAN Pocket (Blue velvet bag)

- GAN Box V7 (Storage box)
- GAN11 Setting Instruction (Manual)
- ID Card
- Hex Rod * 8 (Adjustment tools)
- Screwdriver (Flat-head)
- GES Pro Tools (Tension adjustment tools)
- LBL & CFOP Tutorial (Solving guides)



Figure 2: An overview of the GAN 11 M Pro package contents, including the cube, storage box, blue velvet pouch, adjustment tools, and instruction manuals.

4. INITIAL SETUP AND ADJUSTMENT

The GAN 11 M Pro offers extensive customization options for magnet strength, tension, and travel distance. Familiarize yourself with the adjustment tools provided.

4.1 Core Magnet System Adjustment (GMS v3)

The GMS v3 system allows for 7 levels of magnet strength adjustment. This is achieved by changing the magnet rods within the corner pieces.

1. Carefully remove a corner piece from the cube.
2. Locate the magnet rod within the corner piece.
3. Using the provided tool, adjust or replace the magnet rod to your desired strength level. There are 2 rods x 3 levels + no magnet option.
4. Reinsert the corner piece.

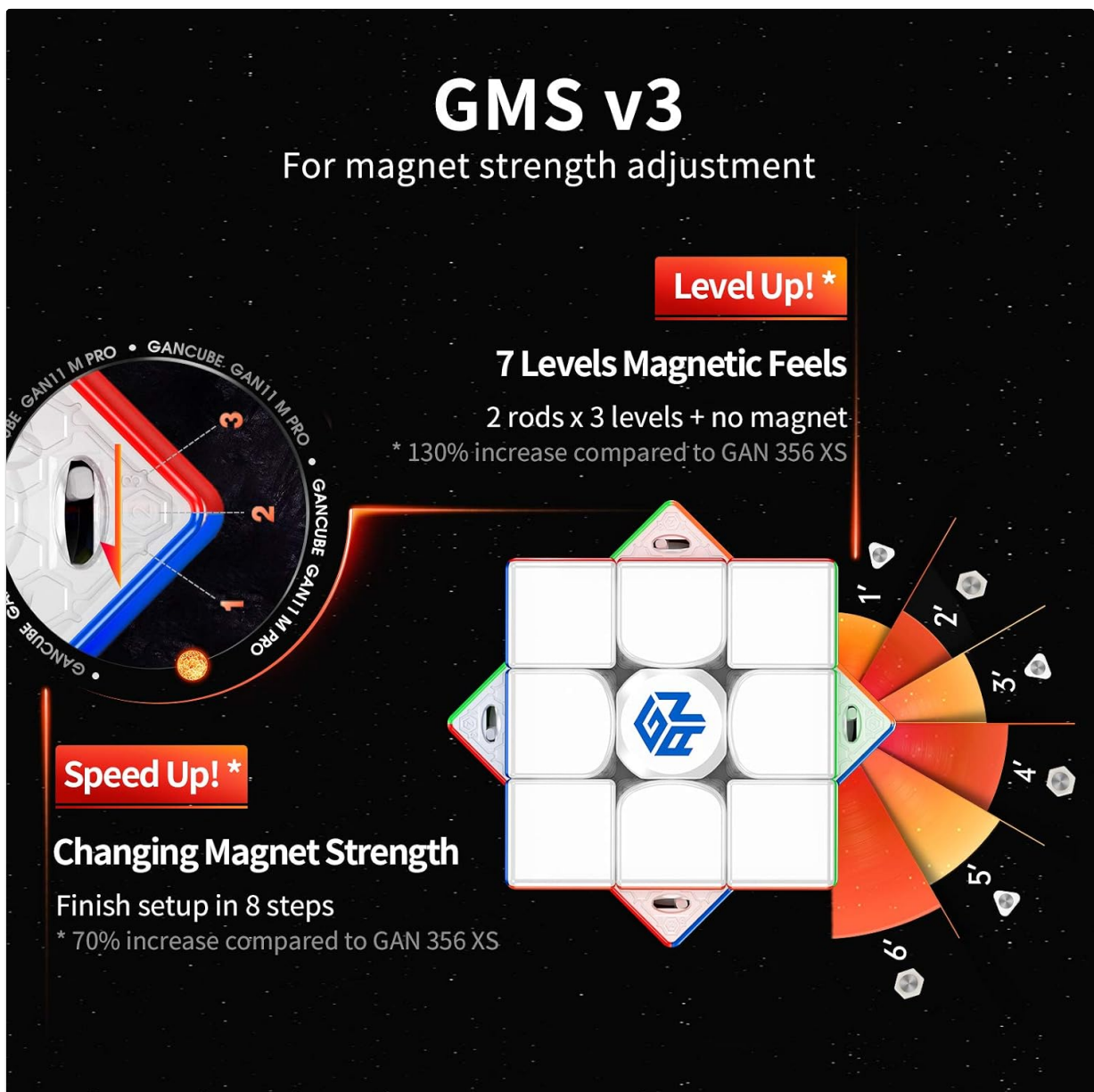


Figure 3: Diagram illustrating the GMS v3 magnet strength adjustment system, showing different magnet rod positions for varying magnetic feels.

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Video 1: Official GAN Cube introduction to the GAN 11 M Pro, highlighting its features including the GMS v3 magnet system.

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Video 2: Official GAN Cube video demonstrating the GAN 11 M Pro's features and smooth operation.

4.2 Tension and Distance Adjustment (GES Pro)

The GES Pro system allows for fine-tuning of the cube's tension and travel distance. This involves adjusting the numerical variable nuts and GAN tension nuts located under the center caps.

1. Remove the center cap of a face.
2. Use the provided GES Pro tool to adjust the numerical variable nut for distance (4 levels).
3. Adjust the GAN tension nut for elasticity (6 levels).
4. Replace the center cap.
5. Repeat for all six faces to ensure consistent tension.

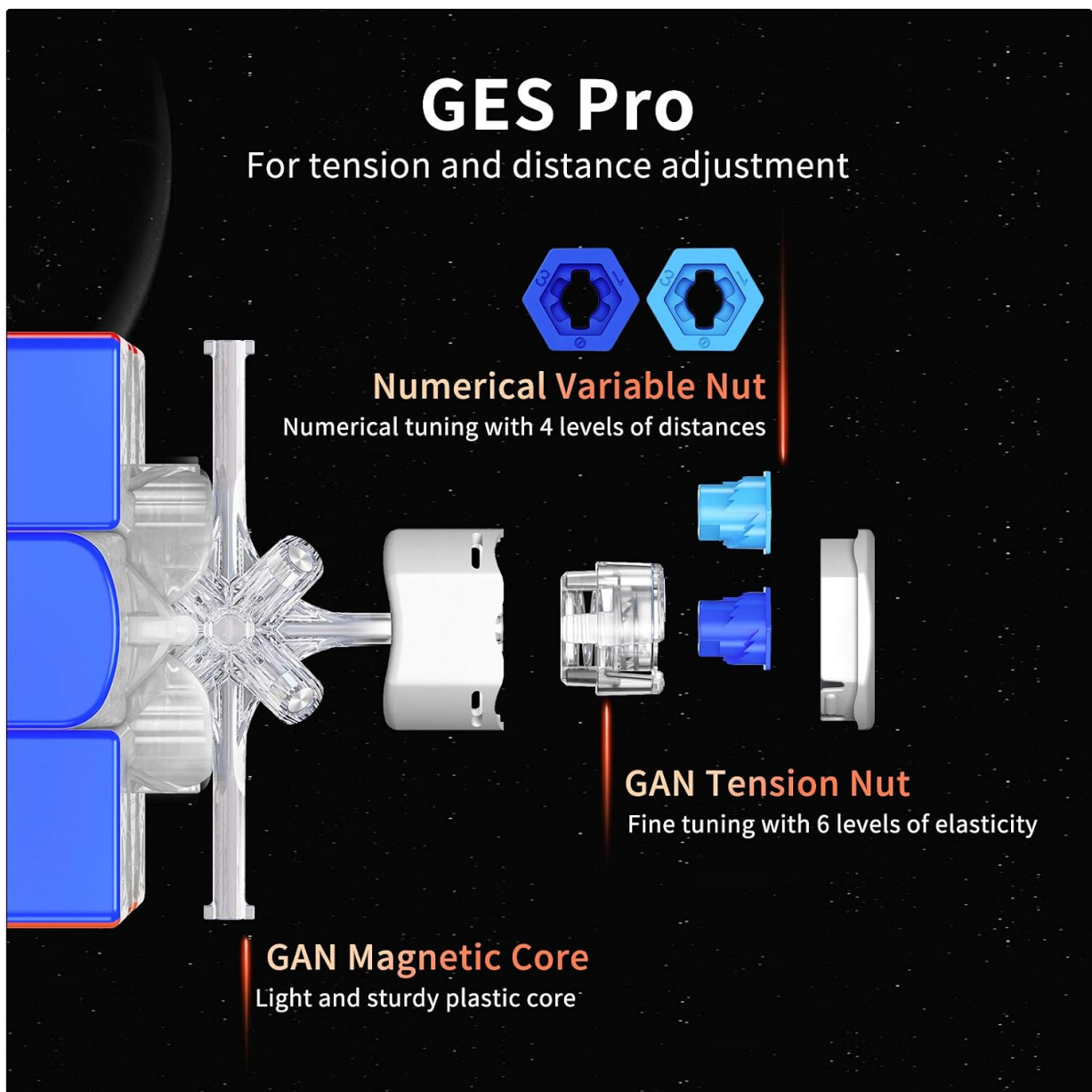


Figure 4: Illustration of the GES Pro system for tension and distance adjustment, showing the numerical variable nut and GAN tension nut components.

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Video 3: Official GAN Cube tutorial on how to adjust center piece travel and spring tension for various GAN cubes, including the GES Pro system.

5. OPERATING THE CUBE

The GAN 11 M Pro is designed for smooth and fast turning. Once adjusted to your preference, the cube is ready for solving.

- Hold the cube firmly but gently.
- Perform turns with precision, utilizing the magnetic feedback for accurate alignment.
- Practice various algorithms and techniques to improve your solving speed and efficiency.

GAN's Enhanced Core Positioning System

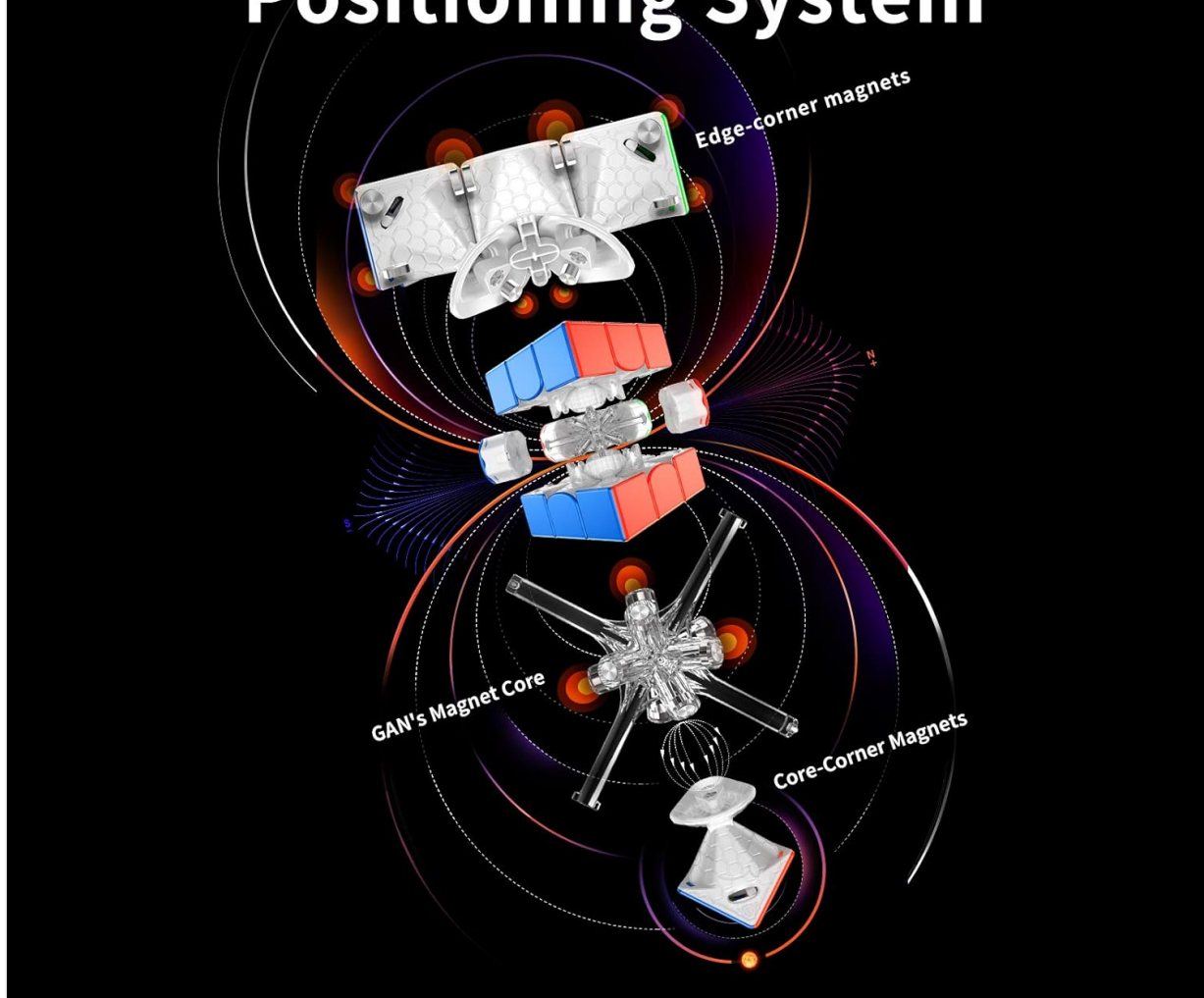


Figure 5: A person's hands demonstrating the smooth turning capabilities of the GAN 11 M Pro speed cube.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GAN 11 M Pro.

- **Cleaning:** Periodically wipe the cube's surface with a soft, dry cloth to remove dust and grime. Avoid harsh chemicals.
- **Lubrication:** Apply a small amount of speed cube lubricant to the internal mechanisms as needed to maintain smoothness. Over-lubrication can negatively affect performance.
- **Storage:** Store the cube in the provided GAN Box V7 or GAN Pocket to protect it from dust and damage when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cube feels too loose or too tight	Incorrect tension settings.	Adjust the GES Pro tension nuts using the provided tool (refer to Section 4.2).

Problem	Possible Cause	Solution
Magnets feel too weak or too strong	Incorrect magnet strength settings.	Adjust the GMS v3 magnet rods (refer to Section 4.1).
Grinding or rough turning	Lack of lubrication or dust accumulation.	Clean the cube and apply a small amount of speed cube lubricant.
Pieces pop out	Tension is too loose or aggressive turning.	Tighten the tension settings. Reassemble popped pieces carefully.

8. SPECIFICATIONS

- **Product Dimensions:** 23.23 x 23.23 x 0.04 inches
- **Item Weight:** 1.6 ounces
- **Model Number:** GAN 11 M Pro (GAN 3X3)
- **Manufacturer:** GAN
- **Recommended Age:** 6 years and up
- **Magnetic System:** Core Magnet System (GMS v3)
- **Tension System:** GES Pro (4 nut distances, 6 elasticity levels)

9. WARRANTY AND SUPPORT

For any issues, missing accessories, or unpleasant experiences, please contact the GAN Customer Service Team. They are committed to ensuring your satisfaction.

Visit the official GAN Store for the latest product news and community engagement [GAN Store on Amazon](#)