GANCUBE

GAN13 Maglev系列
调试说明书

谢谢你选中这只 GAN 魔方。

GAN魔方一直用极致的性能设计、精湛的工艺水平，成为专业竞速魔方的担当。GAN13 系列搭载的全向芯定位 3.0 系统，不仅成功实现了磁吸力和磁斥力的双磁驱动，更做到了轴距、弹力和磁力调试的全面数字化，可调性大大提升，足以适应不同玩家的手感偏好。

让 GAN 魔方成为你得心应手的爆速伙伴。

产品参数

产品型号	GAN13 Maglev	GAN13 Maglev fx
产品重量	约71g	约65g
磁力系统	GMS v5 全向芯定位3.0	全向芯定位3.0
磁力档位	6档	/
弹力系统	磁力GES v2	磁力GES v2
归位角度	30°+	30°+
表面材质	UV钻面/经典雾面	经典雾面

GAN 调试系统(GES & GMS)

决定魔方手感的三要素

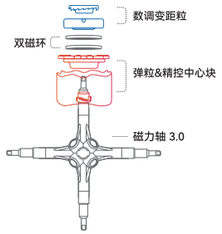
	定义	功能	调试组件	可调档位
轴距	魔方中心块可上下移动的范围	决定魔方的容错、易容、防Pop等关键性能	磁力 GES v2	6 档
弹力	压制魔方各面的力度大小	魔方的松紧手感	磁力 GES v2	6 档
磁力	魔方转动时各层相互作用的强度	转动时魔方的定位感大小	GMS v5	6 档

注：GMS v5磁力系统仅GAN13 Maglev支持。

GAN弹力系统（磁力GES v2）

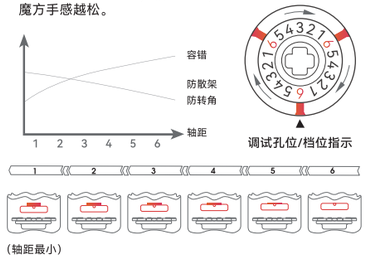
6 档轴距数字调试、6 档弹力精准调试

GAN13 Maglev采用的磁力GES v2系统是GAN独创的双精控系统，可通过旋转数调变距粒、双磁环分别实现轴距、弹力精调。



磁力GES v2：轴距(数调变距粒)

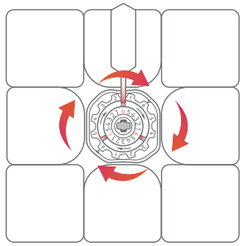
轴距大小：1 < 2 < 3 < 4 < 5 < 6
6 档轴距，数字越大，轴距越大，魔方手感越松。



（轴距最小）

轴距调试

将调试棒插入调试孔位，按照顺时针方向拨动数调变距粒，每到一档均有明显卡顿。



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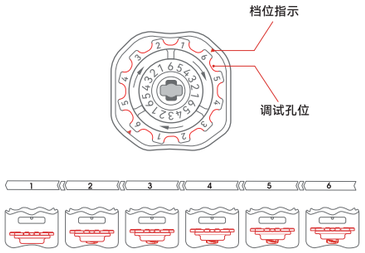
磁力GES v2：弹力(弹粒&精控中心块)

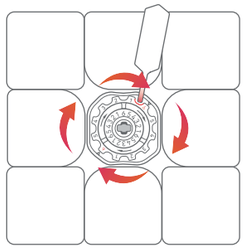
顺时针每转 1 级， 弹力大 1 级



（弹力最小）

弹力调试

将调试棒插入调试孔位，按照顺时针方向拨动磁环槽，每到一档均有明显卡顿。



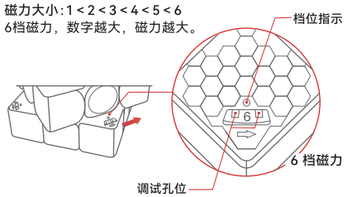
GAN 磁力系统 (GMS v5)

注：GMS v5磁力系统仅GAN13 Maglev支持。

6 档磁力极速调试

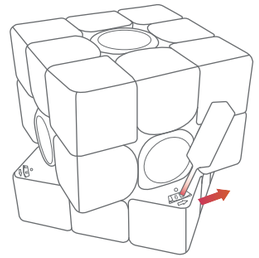
GAN13系列采用颠覆性的全向芯定位3.0磁力系统，以GAN磁力轴作为供磁核心，配合棱、角块磁力，赋予魔方低启动阻力、均匀分布的磁力感。磁力调试在8个角块上，分6档进行。

磁力大小：1 < 2 < 3 < 4 < 5 < 6
6档磁力，数字越大，磁力越大。



磁力调试

转动底层45°，露出角块变磁档位，用调试棒拨动变磁杆至目标档位（图示）。



调试视频教程

弹力&磁力调试

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GAN13 Maglev Series USER MANUAL

Thanks for choosing the GAN cubes.

GAN cube has earned its name in speedcubing by its beasty performance, state-of-the-art quality. The omnidirectional core positioning 3.0 system carried by GAN13 series not only successfully realizes the hybrid propulsion of magnetic attraction and repulsion, but also realizes the comprehensive digital debugging of wheelbase, elastic force and magnetic force. The adjustability is greatly improved, which is sufficient to adapt to different cubers' turning styles and hand-feel preferences.

Let the GAN cube unleash your speed.

SPECIFICATIONS

Model	GAN13 Maglev	GAN13 Maglev fx
Product Weight	about 71g	about 65g
GMS	GMS v5 Enhanced Core Positioning3.0	Enhanced Core Positioning3.0
Magnet Adjustment	6 levels	/
GES	Magnetic GES v2	Magnetic GES v2
Auto Aligning	30°+	30°+
Surface	UV coated/Frosted	Frosted

GAN Adjustment Systems (GES & GMS)

The key factors determining how your cube feels

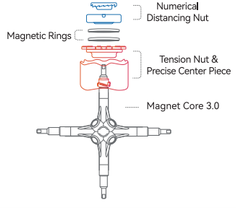
	Meaning	Function	Adjustment	Setting Levels
Center Travel	The distance of the center piece is allowed to move up and down along the core when turning	Decides the key performance parameters like Corner cutting& Anti-Pop	Magnetic GES v2	6 settings
Tension	The tightness of the sides being compressed to the core	How tight the cube feels when turning	Magnetic GES v2	6 settings
Magnet Strength	The strength of magnetic interaction when turning	The strength of positioning felt when turning	GMS v5	6 settings

Note: GMS v5 is available in GAN13 Maglev only.

Magnetic GES v2

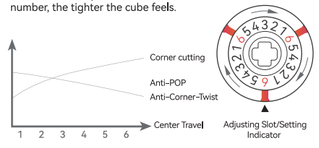
6 center travel settings & 6 tension settings

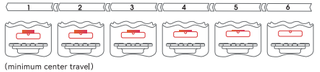
GAN13 Maglev is equipped with Magnetic GES v2 which is unique to GAN cubes and can adjust the center travel and tension by adjusting the numerical distancing nut and magnetic rings .



Magnetic GES v2 : Center Travel (Numerical Distancing Nut)

Center Travel : 1 < 2 < 3 < 4 < 5 < 6
6 center travel options , the smaller the number, the tighter the cube feels.

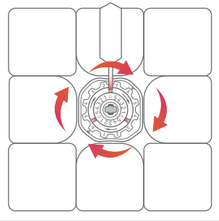




(minimum center travel)

Center Travel Adjustment

Put the tool into the adjusting slot and then toggle the numerical distancing nut clockwise to adjust the center travel. You will feel a click with every turn as the nut moves.



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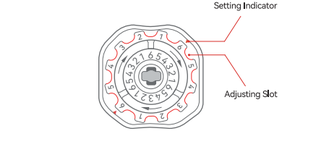
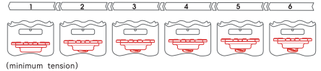
Magnetic GES v2 : Tension (Tension Nut & Precise Center Piece)

Each turn clockwise increases the tension by one grade.

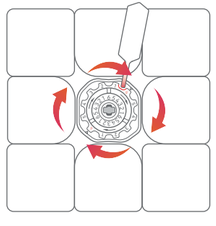




(minimum tension)

Tension Adjustment

Put the tool into the adjusting slot and then toggle the magnetic tension nut clockwise to adjust the tension. You will feel a click with every turn as the nut moves downward.



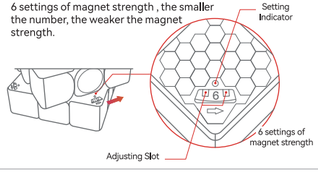
GMS v5

Note: GMS v5 is available in GAN13 Maglev only.

Fast switching between 6 different magnet settings

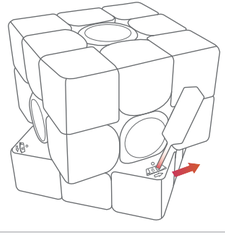
GAN13 Maglev adopts a brand-new magnet positioning system, with the GAN's magnet core providing the major magnet force, compensated by magnets between the edge & corner pieces . It gives the cube a perfect combination of low start-up resistance and unprecedented stable magnetic output when turning. Magnet adjustment is operated at the 8 corner pieces with 6 different magnet settings.

Magnet Strength : 1 < 2 < 3 < 4 < 5 < 6
6 settings of magnet strength , the smaller the number, the weaker the magnet strength.



Magnet Adjustment

Turn the outer layer 45° to expose the magnet slots on the corner pieces. Use the adjusting tool to toggle the lever to the desired setting.



Video Instrustion

Tension & Magnet Adjustment

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