



GAN251 M 系列 调试说明书

谢谢你选中这只 GAN 魔方。

GAN 魔方，成为专业竞速魔方的担当，不仅在于极致的性能设计、精湛的工艺水平，更在于它的适调性。

我们认为，让魔方适应不同玩家的偏好，而非相反，是一只专业魔方的基本修养，所以我们不断提升 GAN 魔方的可调性。

在 GAN251 M 系列中，轴距、弹力、磁力……每一个决定手感的因素处处可调，轻快而精准。每个玩家，不论速度如何，都能得到一只完美贴合个人偏好的魔方。

让 GAN 魔方成为你得心应手的爆速伙伴。

GAN 调试系统 (GES & GMS) 轻松实现 24 种数字化个性调试

决定魔方手感的三要素

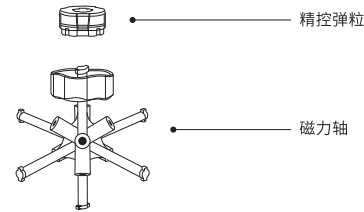
	定义	功能	调试组件	可调档位
轴距	魔方中心块可上下移动的范围	决定魔方的容错、易容、防 Pop 等关键性能	GES v3	2 档
弹力	压制魔方各方面的力度大小	魔方的松紧手感	GES v3	4 级
磁力	魔方转动时各层相互吸引的强度	转动时魔方的定位感大小	GMS v3	3 档

注：GMS v3 磁力系统不支持 GAN251 M Air。

GAN 数调弹力系统 (GES v3)

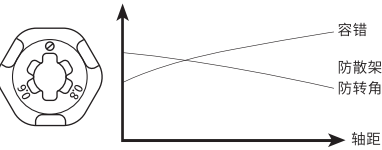
2 档轴距数字调试、4 级弹力精准调试

GES v3 是 GAN 独有的数调弹力系统，通过更换及旋转精控弹粒实现弹力、轴距精调。

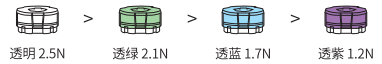


轴距

Ø：弹粒装取位置。轴端卡针对准此处，取出/装入弹粒。
0.6/0.8：2 档轴距，小轴距紧，大轴距松。

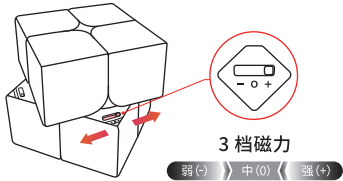


弹力



GAN 磁力系统 (GMS v3) 3 档磁力极速调试

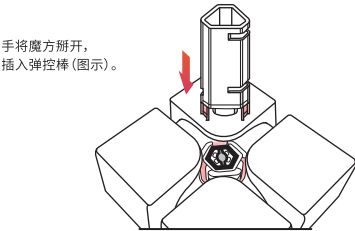
GAN251 M 系列采用颠覆性的全向芯定位磁力系统，以 GAN 磁力轴作为供磁核心，配合棱、角块磁力，赋予魔方低启动阻力、均匀分布的磁力感。磁力调试在 8 个角块上，3 档进行。



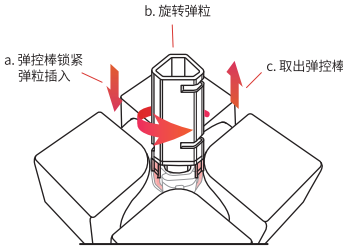
调试步骤

第一步：弹力调试

❶ 将弹控棒对准弹粒三边槽口插入，旋转弹粒至 Ø 位对准轴端卡针处 (此时感觉到明显松动) 取出。

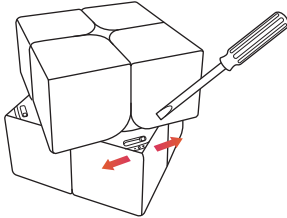


❷ 将新弹粒用弹控棒锁紧，对准轴端卡针装入，旋转至目标档位卡定后 (每到一档均有明显卡顿)，取出弹控棒完成调试。



第二步：磁力调试

转动顶层 45°，露出角块变磁档位，用小螺丝刀拨动变磁杆至目标档位 (图示)。



关注 GAN 微信公众号
获取魔方知识 体验竞速之趣



GAN251 M Series User Manual

Thanks for choosing the GAN cubes.

GAN cubes has earned its name in speedcubing, not only because its beastly performance, state-of-the-art quality, but also its customizability.

We believe that every cuber, fast or not, deserves a cube that fully adapts to his or her turning style, not the other way around. So we keep enhancing the customizability of our cubes.

In this newest GAN251 M series, Center travel, Tension, Magnet strength, everything that determines a cube's hand-feel is now fully adjustable in a convenient and precise fashion.

Let the GAN cube unleash your speed.

GAN Adjustment Systems (GES & GMS) 24 customization options made effortlessly available

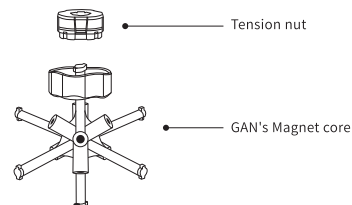
The key factors determining how your cube feels

	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	GES v3	2 settings
Tension	The tightness of the sides being compressed to the core	How tight the cube feels when turning	GES v3	4 settings
Magnet Strength	The strength of magnetic attraction when turning	The strength of positioning felt when turning	GMS v3	3 settings

Note: GMS v3 is not available in GAN251 M Air.

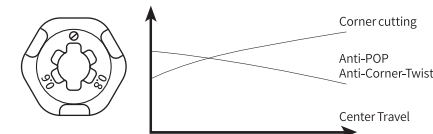
GAN Elasticity System(GES v3) 2 center travel settings & 4 tension settings

The GAN Elasticity System(GES v3) is unique to GAN cubes. It can adjust tension and center travel by changing and adjusting the tension nut.



Center Travel

Ø: in and out position. Only when the pointer is resting here can you take out or put in a tension nut.
0.6/0.8: 2 center travel options, the smaller the number, the tighter the cube feels.

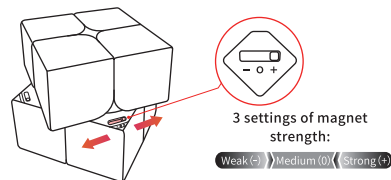


Tension



GAN Magnet System(GMS v3) Fast switching between 3 different magnet settings

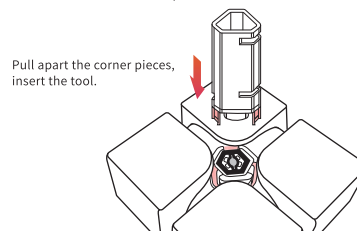
GAN251 M series adopts a brand-new magnet positioning system, with the GAN's magnet core providing the major magnet force, compensated by magnets between the edge & corner pieces. It gives the cube a perfect combination of low start-up resistance and unprecedented stable magnetic output when turning. Magnet adjustment is operated at the 8 corner pieces with 3 different magnet settings.



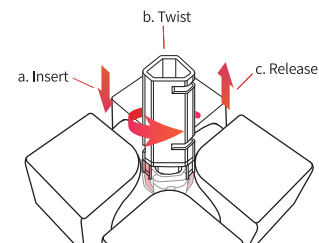
Set up steps

Step1: Tension Adjustment

- Insert the tool into the tension nut from the 3 matching slots. Push the nut down and twist it until the Ø point lines with the anchor, release and the nut unlocks (It feels OBVIOUSLY loose.) and can be removed.

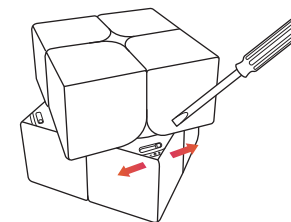


- Insert the tool into a new nut, aim at the anchor and push it down, twist it until the desired number lines up with the anchor at the tip of the core(You will feel a click with every turn as the nut moves), take out the tool so the anchor locks up the nut.



Step2: Magnet Adjustment

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



Follow GANCUBE on Instagram
for more speedcubing stuff