



GANI2 智能魔方 (GANI2 ui SP) 使用说明书



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扫码获取线上
魔方还原教程

基本参数

产品尺寸	56×56×56mm
产品重量	69.2g±1g
电池类型	3.7V锂电池
充电时长	2.5h
续航时长	约15 h*
USB电源适配要求	5v2A
连接方式	无线连接
设备要求	支持IOS9.0及以上、Android4.4及以上版本的设备

*实验室测试数据,实际续航时长视使用而定。

产品配置



智能魔方 X1



USB充电线X1



身份卡X1



魔方收纳袋 X1



充电盒X1



合金调节工具X1



立体调节工具X1



中心盖拆卸工具X1

使用前必读

首次使用激活方式:在3秒内沿同一方向转动白色面1圈以上,指示灯亮则激活成功。

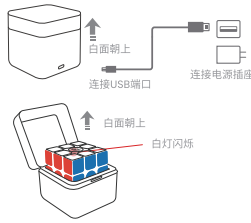
- 本产品内置智能动态捕捉系统跟踪魔方动态,魔方各面的位置不可随意调换。
- 调试弹力时请勿左右晃动轴心,以免损坏内部电路。
- 充电时,魔方必须白面朝上置入充电盒。

*使用产品前请仔细阅读并妥善保管

上手步骤

1. 充电

·使用普通充电盒版充电方式:
将魔方白色面朝上插入充电盒,
轻轻按压确保魔方插紧,关盖后
连接标配的USB充电线进行充电。



·使用标准充电盒版充电方式:
将魔方白面朝上插入充电盒,
轻轻按压确保魔方插紧,关盖即可
充电。

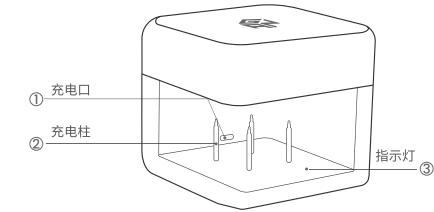
2. 唤醒

在魔方有电的前提下,转动魔方任意面可唤醒魔方,白灯闪烁表示唤醒成功,
唤醒后可连接APP查看电量。



- 下载安装 APP“Cube Station”,打开手机蓝牙和APP,根据 APP 内提示连接魔方。

充电盒使用说明



基本参数

产品名称	GAN Powerpod V3	重量	101g±1g
尺寸	67×67×44mm	电池容量*	400mAh

*仅适用于含锂电池的标准充电盒

魔方状态/功能说明

魔方状态/功能	状态/功能说明	操作	指示灯状态 (指示灯位于魔方白面)
唤醒	唤醒状态下魔方 可连接蓝牙设备	转动魔方任意面	白灯闪烁
休眠	休眠状态下魔方 无法连接蓝牙设备	魔方超过2分钟未与 设备连接将自动休眠	/
低电量	电量过低时魔方 会自动休眠	使用配备的充电工具 为魔方充电	红灯闪烁
断开 APP 账号	魔方同一时间仅能 与一台设备连接,连 接状态下无法被其 他设备搜索到	10秒内顺时针转动白 面5圈或在 APP 内点击 “断开”	白灯闪烁

电池使用注意事项:

- 玩具使用1组3.7V锂电池(电池不能替换)
- 充电电池只能在成人监护下充电
- 充电器必须每月检查其电线、插头、外壳和其他部件是否损坏,发现损坏时应停止使用,直至修复完好。

其他注意事项:

- 玩具不能连接到多于推荐数量的电源上
- 玩具只能使用推荐的变压器
- 变压器不是玩具
- 玩具清洁前应应与变压器断开。



指示灯状态

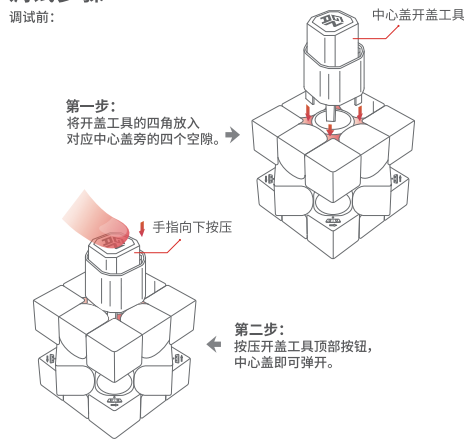
智能魔方电量从0-100%约充1.5小时,充电盒电量从0-100%约充3小时*。

使用中	绿灯常亮	红灯闪烁	全部灯灭
	电量尚可	低电量提示	电量为0
充电中	绿灯常亮	绿灯闪烁	红灯闪烁
	已充满电	正在充电	低电量充电中

*仅适用于含锂电池的标准充电盒

调试步骤

调试前:



第一步:轴距调试

将调试工具的轴距调试端对准轴距距粒插入并固定,顺时针旋转轴距调试端,每到一挡均有明显卡顿。每转1级,轴距减少1级。
1/2/3/4/5/6挡轴距,小轴距紧,大轴距松。



故障排除

1. APP 无法检测到魔方?

- 请确认魔方电量充足。
- 请确认魔方处于唤醒状态。
- 如魔方已被其他设备连接,则需断开后才能被另一台设备检测到。
- 安卓设备请确认定位功能开启,并已授予 APP 定位权限。

2. APP 显示的魔方状态不同步?

- 请通过 APP 的重置功能重置魔方状态。
- 魔方电量低时,会自动休眠导致魔方状态无法同步,请尽快充电。
- 陀螺仪采集数据会累积偏差,导致 APP 显示的魔方状态不同步,此为原件物理特性,非产品质量问题。

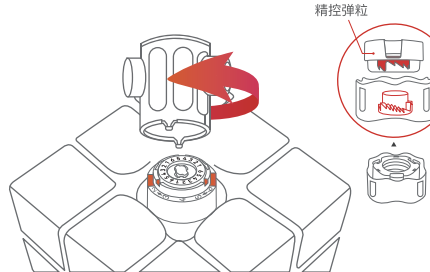
3. 无法充电?

- 请确认白色中心盖的位置未经调换,并白色中心盖朝上插入充电盒压紧。
- 当电量低时魔方会自动休眠,此时需要充电几分钟后才能再次唤醒。
- 请尝试转动魔方整体朝向,再插入充电盒充电。

获取更多技术支持,请联系 support@gancube.com

第二步:弹力调试

将调试工具的弹力调试端对准弹粒两槽口插入,顺时针旋转弹粒,每到一挡均有明显卡顿。每转1级,弹力增加1级,从6级转到1级的卡顿声音最明显。



警告:请勿随意调换各面中心盖,以免影响 APP 识别魔方状态;调整轴距和弹力时请勿左右晃动轴心,以免损坏内部电路;调整轴距和弹力后需在 APP 上重置魔方。

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
魔方主体	○	○	○	○	○	○
电池	○	○	○	○	○	○
线缆	○	○	○	○	○	○
充电座	○	○	○	○	○	○

本表依据SJ/T11364的规定编制。

○:表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

x:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求,且目前业界没有成熟的替代方案,符合欧盟ROHS指令环保要求。

警告:1.本产品含小零件,不适合
3岁以下儿童使用。
2.产品上有功能性尖点。





GAN12 Smart Cube (GAN12 ui SP) User Manual



Scan for adjusting instruction



Scan for online restoration tutorial



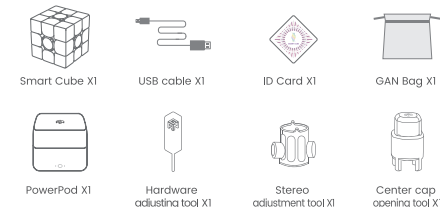
Follow GANCUBE on Instagram for more speedcubing stuff

SPECIFICATIONS

Product size	56×56×56mm
Product weight	69.2±1g
Battery type	3.7 V lithium
Charging time	2.5h
Battery life	About 15h*
USB adapter	5v2A
Connection	Wireless
Device requirement	IOS 9.0 Android 4.4 or above

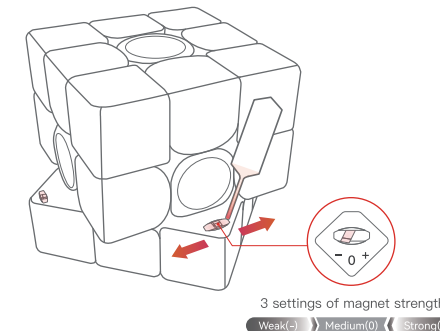
*Lab test data. Actual battery life subject to actual usage.

产品配置



STEP 3: Magnet Adjustment

Standard Adjustment (NO disassembling required)
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.



READ CAREFULLY BEFORE GETTING STARTED

Activation method for the first use: Rotate the white side in the same direction more than 1 turn within 3 seconds. If the indicator light is on, activation is successful.

- The product contains a built-in motion tracking system to record moves on each side. DO NOT swap the center caps of each side.
- DO NOT bend the core when adjusting tension, in case of damaging the internal circuit.
- To charge the cube, ensure that the WHITE SIDE is facing upwards.

* Keep manual well for future reference.

GETTING STARTED

1. How to charge

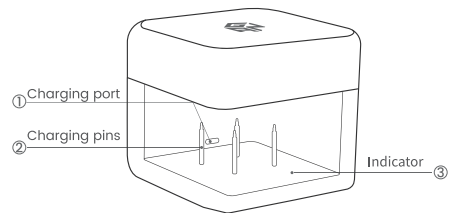
- Charging by the basic powerpod: Put the cube into the powerpod (WHITE SIDE UP ONLY). Please press gently to ensure the cube is firmly in place before connecting the PowerPod to a power source as shown.
- Charging by the standard powerpod: Put the cube into PowerPod (WHITE SIDE UP ONLY). Please press gently to ensure the cube is firmly in place and remember to close the box cover to charge.

2. How to awake

Turn any side of the cube to awake it. The white light will blink when successful awakening.
The power level will be displayed in APP once connected.

3. Download and install APP "Cube Station". Enable your smart phone's Bluetooth function and open the APP; Connect the cube per instructions in the APP

Powerpod Instruction



Specifications

Product Name	GAN Powerpod V3	Weight	10lg±1g
Size	67×67×74mm	Capacity*	400mAh

*Only for standard powerpod containing batteries.

BASIC CUBE STATUS/FUNCTION

Cube Status/Function	Status/Function Instruction	Operation	Light Indicator (on the white side)
Awaken	The cube can connect to Bluetooth devices when in awaken mode.	Turn any side of the cube.	White light blinks.
Sleep	The cube can not connect to Bluetooth devices when in sleep mode.	Cube will automatically go off if the cube do not connect to any devices over 2mins.	/
Low-battery	The cube will automatically enter sleep mode when battery is low.	Use the charger and USB cable provided for charging only.	Red light blinks.
Disconnect to APP	The cube can only connect to one device at a time. Once connected, the cube can not be detected by another device.	Rotate the white side clockwise for 5 rounds or using 'disconnect' option in the APP can disconnect the cube.	White light blinks.

Battery Usage Precautions:

1. The product operates with a fixed set of 3.7V lithium batteries that cannot be replaced. 2. Recharging of the batteries should only be done under the supervision of an adult. 3. Monthly inspections of the charger are mandatory to check for any damage to its wires, plug, casing, or other parts. If damage is detected, cease use immediately and do not use it again until it has been repaired.

Other Precautions:

1. The toy cannot be connected to more than the recommended number of power sources; 2. Toys may only be used with recommended transformers; 3. Transformers are not toys; 4. Toys should be disconnected from the transformer before cleaning.

5V 1A

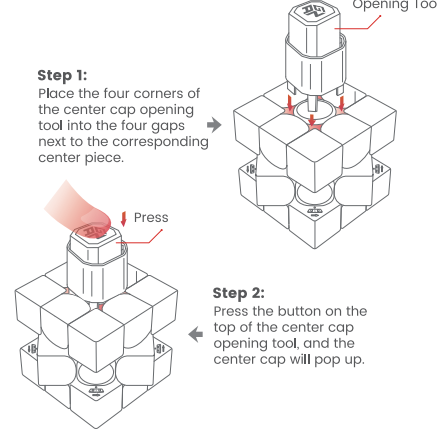
Indicator Status

It takes about 1.5h to fully charge the smart cube and about 3h to fully charge the powerpod*.

Using	Green light on	Red light flash	No lights
	Enough battery	Low battery	0 battery
Charging	Green light on	Green light flash	Red light flash
	Fully charged	Charging	Charging on low battery

*The indicator status of powerpod is only available for the standard powerpod.

Before adjusting



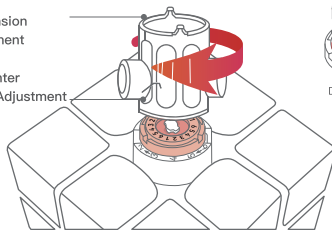
STEP 1: CENTER TRAVEL ADJUSTMENT

Insert the tool into the numerical distancing nut. Then turn clockwise to adjust the center travel. Each turn counterclockwise decreases the center travel by one grade. You will feel a click with every turn as the nut moves.

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

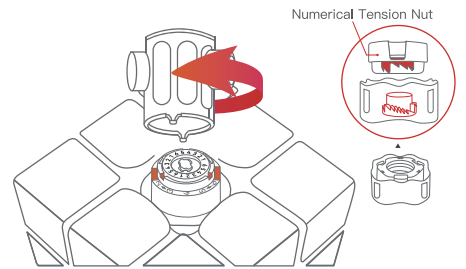
For Tension Adjustment

For Center Travel Adjustment



STEP 2: TENSION ADJUSTMENT

Insert the tool into the GES nut from the 2 matching slots. Then turn clockwise to increase the tension. You will feel a click with every turn as the nut moves downward. There will be the most obvious click when the tension turn to grade 1 from grade 6.



Warning: DO NOT alter the positions of center caps, this will lead to synchronization problems. DO NOT bend the core when adjusting center travel and tension, to prevent damage of the internal electronics. Resetting the cube is required after readjusting center travel and tension.

TROUBLE-SHOOTING

1. Failure of detecting the cube by APP?

- Ensure the cube has been fully charged.
- Ensure the cube has been awakened.
- Ensure the cube's Bluetooth has been enabled. The red light in the white side will light up when cube's Bluetooth is off.
- Ensure the cube has not been connected already by another device.
- Android users please ensure location access has been authorized to the APP.

2. Cube position not synchronized in the APP?

- Reset the cube via "Reset Cube" functions in the APP.
- The cube will shut down when battery is low. Charge timely.
- Gyroscope will accumulate detection bias over time. This is not malfunction. Please adjust cube position in APP from time to time to ensure synchronization.

3. Failure of charging the cube?

- Ensure sides have not been altered from ex-factory positions and white side is facing upwards.
- When battery is too low it takes a few minutes to reach minimum wake-up battery level.
- Make a whole rotation and put the cube in the powerpod again.

More info & supports: support@gancube.com

Warning:

- This product contains small parts and not suitable for children under 3 years old.
- Watch out for the functional sharp points on the product.