




# GANCUBE GAN 12 ui Maglev Gan Smart Cube User Manual

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## GAN 12 ui Maglev Gan Smart Cube User Manual

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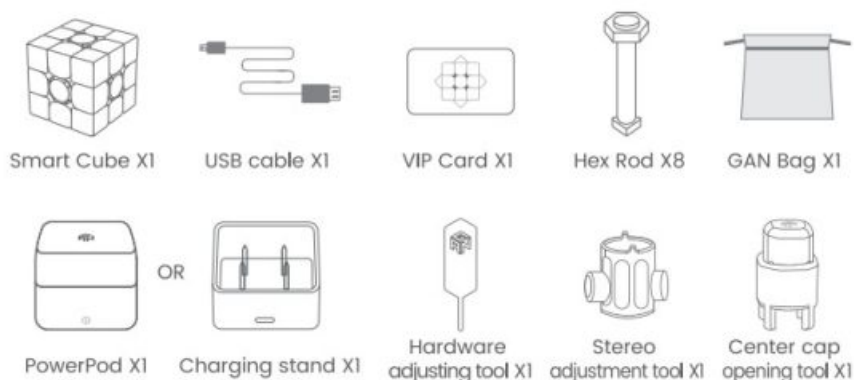
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## Specifications

Model	GAN12 ui Maglev
Product size	56x56x56mm
Product weight	68.3g±2g
Battery type	3.7 V lithium
Charging time	2.5 h
Battery life	About 15 h*
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.

## ACCESSORIES



## READ CAREFULLY BEFORE GETTING STARTED

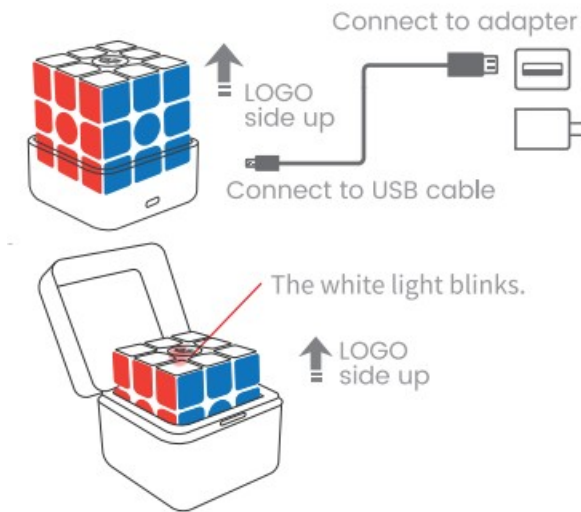
1. The product contains a built-in motion tracking system to record moves on each side. DO NOT swap the center caps of each side.
2. DO NOT bend the core when adjusting tension, in case of damaging the internal circuit.
3. To charge the cube, ensure that the LOGO side is facing upwards.

\* Keep manual well for future reference.

## GETTING STARTED

### 1. Charging methods

- Charging method of Charging stand Put the cube into the charging stand and press it, LOGO SIDE UP ONLY. Connect the charging stand to a power source as shown.
- Charging method of PowerPod Put the cube into PowerPod (LOGO SIDE UP ONLY). Please press gently to ensure the cube is firmly in place and remember to close the box cover to charge.



## 2. Awakening method

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



[https://cubestation.com/zh/download\\_new/](https://cubestation.com/zh/download_new/)

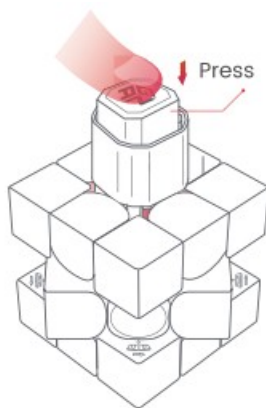
## Basic cube status function

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.	No light blinks.
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.
Bind to APP	The cube can only bind to one APP account at a time. Once binded, the cube can not be connected by any other APP accounts.	Rotate the orange side clockwise for 5 rounds or using "Unbind" option in the APP can unbind the cube.	/

## Before adjusting

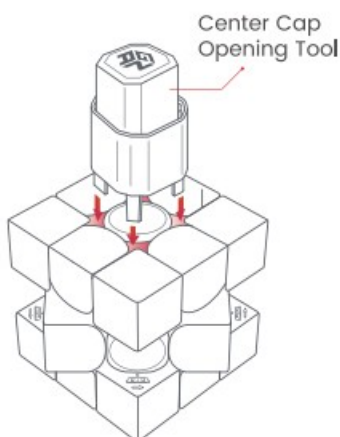
### Step 1:

Place the four corners of the center cap opening tool into the four gaps next to the corresponding center piece.



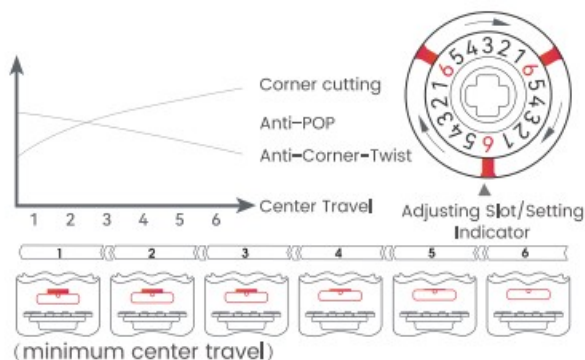
### Step 2:

Press the button on the top of the center cap opening tool, and the center cap will pop up.



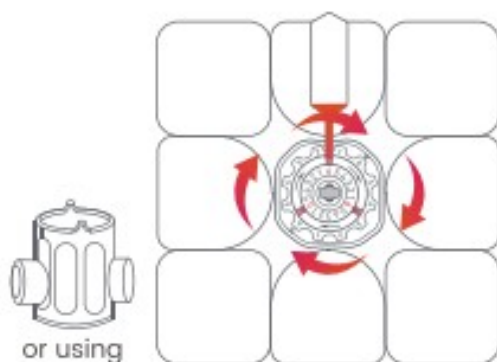
## Magnetic GES v2: Center Travel (Numerical Distancing Nut)

6 center travel options, the smaller the number, the tighter the cube feels.



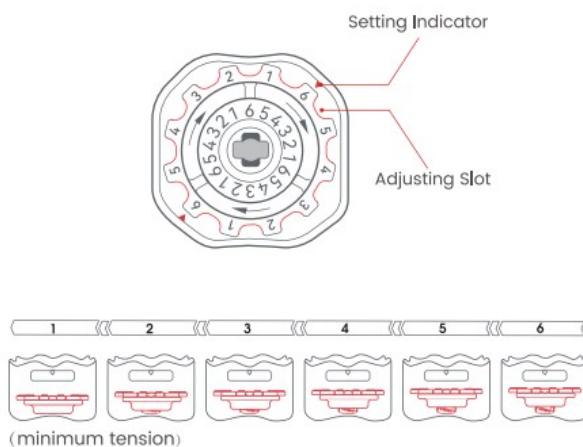
### Step 1: Center Travel Adjustment

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.



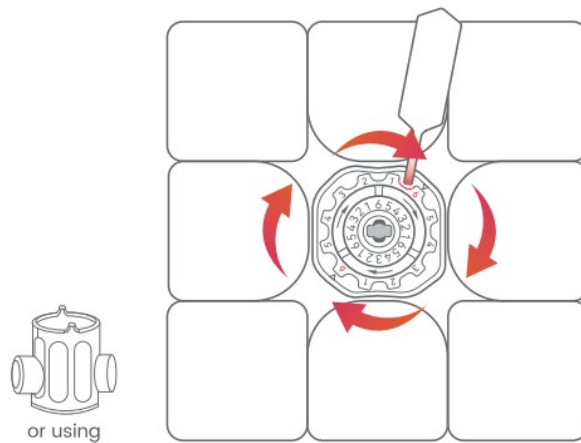
### Magnetic GES v2: Tension (Tension Nut & Precise Center Piece)

Each turn clockwise increases the tension by one grade.



### Step 2: 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**.

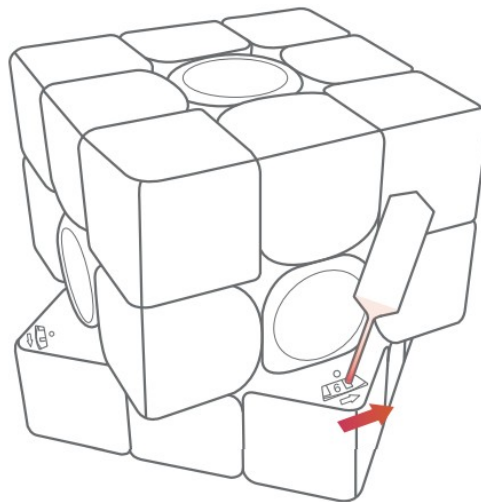


**Warning:** DO NOT alter the positions of center caps, this will lead to synchronization problems. DO NOT bend the core when adjusting center travel and tension, to prevent damage of the internal electrics. Resetting the cube is required after readjusting center travel and tension..

### Step 3: Magnet Adjustment

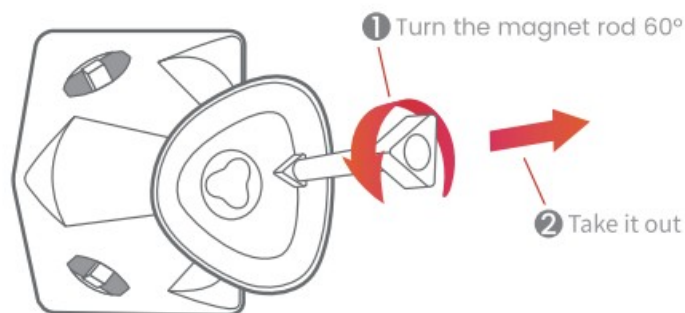
Standard Adjustment (NO disassembling required)

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.

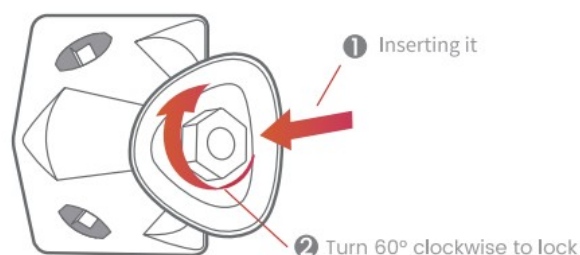


Advanced adjustment (requires disassembling the cube)

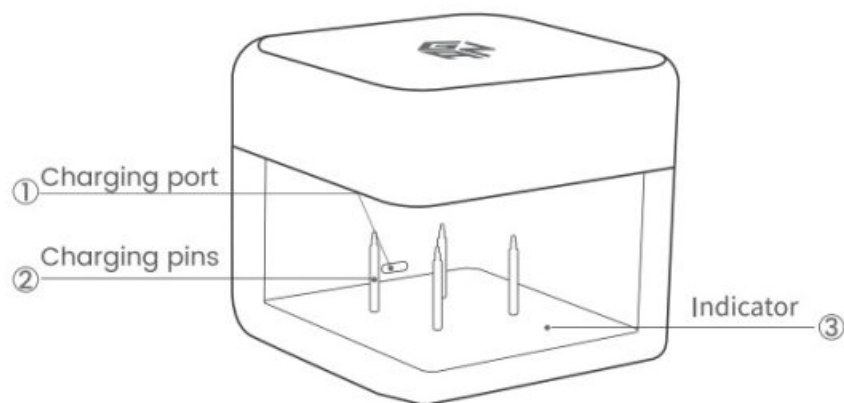
a. Start from any one of the corner pieces. Take the corner piece out without tools. Turn the magnet rod 60° counterclockwise to unlock and pull it out from the slot.



b. Insert the new rod and turn 60° clockwise to lock it. Then repeat the same operation to change the magnet rods on the other corners one by one.



**Wireless charging anytime, anywhere. Have fun smart cubing!**



### Specifications

Product Name	GAN Powerpod V3	Weight	120g+2g
Size	67×67×74mm	Capacity	1100mAh

### Indicator Status

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

#### Indicator Status

Using	Indicator Status	Green light on	Red light Flash	No lights
	Meaning	Enough bottery	Low battery	0 battery
Charging	Indicator Status	Green light on	Green light Flash	Red light Flash
	Meaning	Fully charged	Charging	Charging on low battery

### Warning:

1. This product contains small parts and not suitable for children under 3 years old.
2. There are functional sharp points on the product.

### VIDEO INSTRUCTION



<https://www.gancube.com/gan-ui-FreePlay-video-instruction>

### MUST KNOWS



[https://www.instagram.com/gancube?utm\\_source=qr](https://www.instagram.com/gancube?utm_source=qr)

Follow GANCUBE on Instagram for more speedcubing stuff

### **Usage restrictions**

- The smart cube contains electronic components. To prevent damage, DO NOT dismantle the core.
- DO NOT lubricate on the yellow face and the core.
- DO NOT crash the product. Keep away from water or high temperature (260°C).
- Product contains small parts, NOT suitable for children under 36 months.
- Strictly follow manual to avoid product damage or bodily harm.

### **Battery and Charging**

- Use the PowerPod and USB cable provided for charging only. Ensure they are in good condition before connecting to power.
- Product shuts down automatically when battery is low. Please charge the cube appropriately to avoid loss of data.
- Fully charge the cube at least once every 3 months to prevent permanent battery damage. Keep in dry and cool conditions if not in use.

### **TROUBLE-SHOOTING**

1. Failure of detecting the cube by APP?
  - ① Ensure the cube has been fully charged.
  - ② Ensure the cube has been awakened.
  - ③ Ensure the cube's Bluetooth has been enabled. The red light in the white side will light up when cube's Bluetooth is off.
  - ④ Ensure the cube has not been connected already by another device.
  - ⑤ Android users please ensure location access has been authorized to the APP.
2. Cube position not synchronized in the APP?
  - ① Reset the cube via "Reset Cube" functions in the APP.
  - ② The cube will shut down when battery is low. Charge timely.
  - ③ 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?
  - ① Ensure sides have not been altered from ex-factory positions and white side is facing upwards.
  - ② Ensure sides have not been altered from ex-factory positions and white side is facing upwards.
  - ③ Make a whole rotation and put the cube in the charging stand again.





More info & supports: [support@gancube.com](mailto:support@gancube.com)

## Documents / Resources

	<a href="#">GANCUBE GAN 12 ui Maglev Gan Smart Cube</a> [pdf] User Manual GAN 12 ui Maglev, GAN 12 ui Maglev Gan Smart Cube, Gan Smart Cube, Smart Cube, Cube
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## References

- [User Manual](#)

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