GANCUBE

星环计时器说明书
USER MANUAL OF GAN TIMER
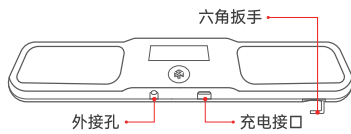
产品外观

正面

感应板

信号灯带　Logo键　显示屏

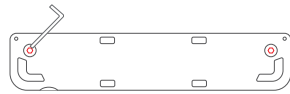**背面**

训练垫连接孔

侧面

六角扳手

外接孔　充电接口
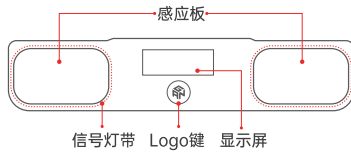
训练垫安装说明

01／用六角扳手取下计时器底部的螺丝。

02／将训练垫孔位对准计时器连接孔，上回螺丝，完成安装。

使用方法

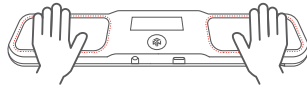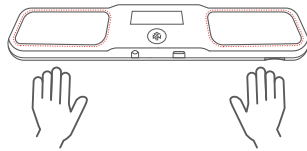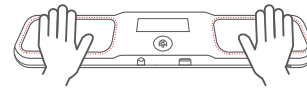### 一、标准计时：

标准版与智能版计时器均适用标准计时，均可以自动储存最近5次成绩并生成对应的AO5成绩。

01／单击【Logo键】开机。

02／双手置于感应板上，待 触摸 灯效转为 READY（计时准备）灯效，表示计时器已准备好计时。

03／抬手，开始计时。

04／双手同时拍击感应板，结束计时。

05／单击【Logo键】归零。

06／双击【Logo键】查看成绩，重复双击切换查看最近5次及其AO5成绩。

07／长按【Logo键】至屏幕出现 "OFF" 关机。非计时状态下，5分钟无操作自动关机。

二、智能计时：

智能版计时器支持万盘成绩离线存储，可通过内置蓝牙连接Cube Station App进行上传和管理。连接App后，计时器支持无限成绩存储、智能计时等功能。

01／连接App

确认计时器、手机蓝牙开启。登录Cube Station App，进入**首页-设备**，在设备列表中**搜索并连接**计时器。连接成功后计时器屏幕上的蓝牙标志长亮。

02／成绩的存储、上传和查看

计时器可离线存储10000次*成绩。连接时，App会自动检测计时器保存的成绩并提示上传，成绩上传至App后，计时器内的数据会自动清空，仅保留最近5次及其AO5成绩。
查看成绩，进入App**首页-练习-计时练习-分组数据-普通计时器***。

*在账号下认证计时器可获得 "无限盘成绩存储" 权益，详见下方 "05"。
*如在App内无法查看上传的成绩，长按【Logo键】1秒检查计时器时间是否正确。

03／连接App进行智能计时

① 搭配普通魔方使用
使用普通魔方时，需先进入**首页-设置-模式**，将App默认魔方设置成普通魔方，然后进入**首页-练习-计时练习**。在此模式下，可使用App内不同魔方的打乱公式或选择自由打乱进行练习。
查看成绩：**分组数据-普通计时器-默认分组**。

② 搭配智能魔方使用
将智能魔方也与App连接好后，进入**首页-练习-计时练习**。在此模式下，可使用App内的不同打乱公式或选择自由打乱进行练习，App会自动采用计时器生成的成绩*。
查看成绩：**分组数据-标准计时器(智能)-默认分组**。

*智能魔方与计时器同时连接App时，"拍表"功能自动开启，App默认采用计时器成绩。如需采用智能魔方的成绩，请在App页面上关闭"拍表"功能。

04／断开连接

断开计时器与App的连接，进入**首页-设备**，在设备列表中点击**断开**。断连状态，计时器屏幕上的蓝牙标志闪烁。

05／Cube Station账号内的设备认证与绑定

① 在账号内认证GAN智能计时器，可为账号解锁GAN智能设备专属权益。
认证方式：在连接时按提示操作；或连接后，进入App**首页-个人主页-设备认证**。
② 用账号绑定计时器，可避免其他用户连接你的计时器。
绑定方式：进入App**首页-设备**，在设备列表中找到计时器，点击**设置-绑定**。
解绑方式：进入App**首页-设备**，在设备列表中找到计时器，点击**设置-解除绑定**；或三击计时器的【Logo键】。

视频教程

扫码关注GANCUBE微信公众号，在对话框发送"星环计时器"获取视频教程。

基本参数

产品型号	智能版	标准版
产品尺寸	240x50x14.7mm	240x50x14.7mm
产品重量	约 133 g	约 131 g
续航时长	约 42 h	约 32 h
充电时长	约 1.5~2 h	约 1.5~2 h
内置蓝牙	有	无
外显连接方式	2.5mm音频孔连接	2.5mm音频孔连接

*以上各项参数数值，均为计时器在受控环境下测得，在不同的外部环境、使用方式下，结果或有不同程度的差异，请以实际体验为准。

【Logo键】功能一览

在计时界面下： 0.000

功能／状态	操作
开机/归零	单击【Logo键】
查看最近5次和AO5成绩	双击【Logo键】
解除App账号绑定（仅智能计时器支持此功能）	三击【Logo键】
恢复出厂设置	同时按【左&右感应板】+ 单击【Logo键】
切换灯光闪烁效果	长按【左感应板】+ 单击【Logo键】
切换灯光颜色效果	长按【右感应板】+ 单击【Logo键】
跳转至【日期显示界面】（仅智能计时器支持此功能）	长按【Logo键】1秒
关机	长按【Logo键】2秒

灯效设置

01／提示效果

计时器通过不同灯效提示3种状态：
① 触摸 ：表示手正确触摸感应板。
② READY（计时准备）：表示双手正确放置于感应板，计时器已准备好启动计时。此时抬手即可启动计时。
③ 计时中 ：表示计时器正在进行计时。

02／闪烁模式

本计时器带有3种闪烁模式，每种模式可调整3级亮度（01/02/03逐级变亮）。

闪烁模式	触摸 & READY	计时中	亮度级数
L1	长亮	频闪	3级 (01/02/03)
L2	长亮	呼吸闪烁	3级 (01/02/03)
L3	长亮	无灯光	3级 (01/02/03)

*默认设置为L1-01。

长按左感应板的同时，单击【Logo键】进行切换。

03／灯光颜色

本计时器带有10种灯光颜色组合。

灯光颜色组合	触摸 灯光	READY & 计时 灯光
C1	蓝	紫
C2	蓝	黄
C3	黄	紫
C4	黄	红
C5	紫	黄
C6	紫	红
C7	红	蓝
C8	红	白
C9	白	黄
C10	白	紫

*默认设置为C1。

长按右感应板的同时，单击【Logo键】进行切换。

04／自定义灯效 （仅智能计时器支持此功能）

连接App后，进入App**首页-设备-设置-灯光设置**。

*自定义灯效初始值为灯光颜色组合【C0：蓝+红】、闪烁模式【L1-01】。自定义灯光颜色与实际呈现会存在差异，请以实际效果为准。

智能计时器时钟功能

01／查看时间

计时界面下，长按【Logo键】1秒显示日期，再按1秒显示时间；单击【Logo键】返回计时界面。

02／校准时间

① App自动校准【推荐】
计时器连接App后，进入**首页-设备**，在设备列表中找到计时器，点击**设置-校准时间**。

② 计时器本地校准
1. 在日期/时间显示界面下，双击【Logo键】，可进入设置界面。
2. 单击【Logo键】选择要调整的参数。
3. 左感应板减小数值，右感应板增加数值。单击或者长按对应感应板进行逐级/连续调整。
4. 长按【Logo键】2秒进行保存，并返回日期/时间显示界面。

电量状态说明

计时器状态	标志	电量状态
使用时	🔋	40%~70%
	🔋	10%~40%
	🔋（图标闪烁）	低于10%
	Lo（图标闪烁）	电量耗尽，20秒后自动关机
充电时	🔋（第一格电量闪烁）	低于40%
	🔋（第二格电量闪烁）	40%~70%
	🔋（第三格电量闪烁）	70%~99%
	🔋	100%

本计时器使用3.7V可充电锂电池，请勿连接大于DC 5.0V的电源。

下载 Cube Station APP
科学记录分析成绩

关注 GAN 微信公众号
获取魔方知识 体验竞速之趣

PRODUCT APPEARANCE

Front

- Touch Pad
- Signal Rim
- Logo Button
- Display Screen

Back

- Mat Hole

Side

- Hex Wrench
- Data Port
- Charging Port

HOW TO INSTALL THE MAT

01／Remove the mat hole screws with the hex wrench.
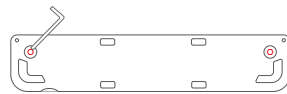
02／Match the mat with the mat holes and put screws back.

HOW TO USE

1. STANDARD TIMING

Both the standard and smart timers support the standard timing function. The timer will save the latest 5 results and automatically generate the corresponding AO5 result.

01／Press the 'Logo' button to turn on the timer.

02／Lay both hands on the touch pads and wait until the signal rim changes from the status of TOUCH to READY , signaling that the timer is ready for timing.

03／Lift hands, timing begins.

04／Touch both pads simultaneously, timing stops.

05／ Press 'Logo' button to reset.

06／Double press 'Logo' button to view the latest result, double press again to switch between the recent 5 results and its AO5 result.

07／Press 'Logo' button till 'OFF' appears on the screen to turn off the timer. The timer will also turn off by itself after 5 minutes without any operation.
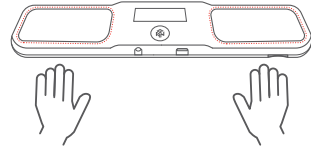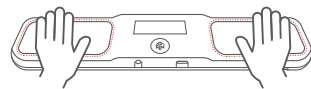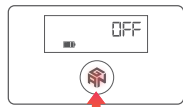
2. SMART TIMING

The smart timer supports offline storage of 10000 timing results, which can be uploaded via its Bluetooth to the Cube Station App for viewing and managing. Connecting the timer to the App will also allow you to utilize functions such as unlimited result storage, smart timing etc.

01／Connecting to the App

Turn on the timer and the Bluetooth of your smart phone. Log in to the Cube Station App. Enter App **Homepage - Devices**, search and select **Timer** in **Device List**. The Bluetooth icon on the timer screen stays constantly on when connected.

02／Storing, uploading and viewing results

The timer's memory can store up to 10000* timing results. When connecting to the App, the App will automatically scan the timer's memory and prompt uploading if there is any data stored. After data is uploaded to the App, the timer will empty its memory to only retain the latest 5 results and its AO5. To view results, enter App **Homepage - Training - Timer - Group Data - Basic Timer (Non -Smart-Cube)***.

*Obtain 'unlimited result storage' right by authenticating the timer in your App account, refer to '05' below for detail.
*If you fail to view the results per above instruction, check the timer's time setting by pressing the 'Logo' button for 1 sec.

03／Smart timing at connected state

① Using a non-smart cube
Enter App **Homepage - Settings - Mode** and select **Regular Cube**. Return to the Homepage and enter **Training - Timer**. In this mode, you can use the scramble provided on the page or choose free scramble for practice.
To view results, enter **Group Data - Basic Timer (Non-Smart-Cube) - Default Group**.

② Using a smart cube
Connect the smart cube to the App and enter **Homepage - Training - Timer**. In this mode, you can use the scramble provided on the page or choose free scramble for practice. The App will automatically adopt the result generated by the timer*.
To view results, enter **Group Data - Standard Timer (Smart Cube) - Default Group**.

*When both the smart cube and the timer are connected to the App, the App will enable the 'Timer' function and adopt the timer's result as default. If you wish the App to take the smart cube's time, disable 'Timer' function on the App page.

04／Disconnecting

To disconnect the timer to the App, enter **Homepage - Devices**, select **Disconnect** in the Device list. The Bluetooth icon on the timer screen blinks when disconnected.

05／Authenticating and binding of devices in your Cube Station account

① Authentication of GAN smart timer in the account will unlock the exclusive rights of GAN smart devices for the account.
To authenticate: Follow the guide when connecting; Or enter the App **Homepage - Personal homepage - Device Verification** when connected.

② Bind the timer with your account to prevent other users from connecting your timer.
To bind: Enter the App **Homepage - Devices**, find the timer in the Device List and select **Setting - Bind**.
To unbind: Enter the App **Homepage - Devices**, find the timer in the Device List and select **Setting - Unbind**; Or press the 'Logo' Button for 3 times.

VIDEO INSTRUCTION

Scan the QR code to visit GANCUBE official site and view the video instruction. (**Tutorials - Manual**)

SPECIFICATIONS

Model	GAN Smart Timer	GAN Standard Timer
Product Size	240x50x14.7 mm	240x50x14.7 mm
Product Weight	About 133 g	About 131 g
Battery Life	About 42 h	About 32 h
Charging Time	About 1.5–2 h	About 1.5–2 h
Built–in Bluetooth	YES	NO
External Display Connection	Audio Connection (2.5mm)	Audio Connection (2.5mm)

*The above parameters are measured under controlled environment. The results may vary with different external environments and ways of use. Please refer to your actual experience when use.

'LOGO' BUTTON FUNCTIONS

	Interface of the Timer:	0.000

Function / status	Operation
Turn on / Reset	Press 'Logo' button
Check the recent 5 results and the AO5 result	Press 'Logo' button 2 times
Unbind the App ID (Only for smart timer)	Press 'Logo' button 3 times
Restore factory settings	Hold the 'left & right touch pad' + Press 'Logo' button at the same time
Switch the flashing mode	Hold the 'left touch pad' + Press 'Logo' button
Switch the color mode	Hold the 'right touch pad' + Press 'Logo' button
Jump to Date setting (Only for smart timer)	Press 'Logo' button for 1 sec
Turn off	Press 'Logo' button for 2 secs

LIGHTING SYSTEM GUIDE

01/3 Prompt modes

The timer's lighting system indicates 3 PROMTS with different light effects.
① TOUCH prompt: appears when the hand touches the touch pad correctly.
② READY (ready to time) prompt: appears when both hands are correctly placed on the touch pads and the timer is ready to start timing. At this time, lift your hand to start timing.
③ TIME prompt: appears when the timer is in the process of timing.

02/ Flashing mode

This timer has 3 flashing modes, each comes with 3 brightness levels (01/02/03 from least to most bright):

Mode	TOUCH & READY	TIME	Brightness Level
L1	ON	FLASH	3 (01/02/03)
L2	ON	FLICKER	3 (01/02/03)
L3	ON	OFF	3 (01/02/03)

*The default flashing mode of the signal rim is L1-01.
Hold the left touch pad and press the 'Logo' button to switch.

03/Signal rim color

This timer's signal rim can deliver 10 color modes:

Mode	Color for TOUCH	Color for READY & TIME
C1	Blue	Purple
C2	Blue	Yellow
C3	Yellow	Purple
C4	Yellow	Red
C5	Purple	Yellow
C6	Purple	Red
C7	Red	Blue
C8	Red	White
C9	White	Yellow
C10	White	Purple

*The default color mode of the signal rim is C1.
Hold the right touch pad and press the 'Logo' button to switch.

04／Customizing signal rim effects (Only for smart timer)

Connecting to the App and customize the lighting effect at **Homepage - Devices - Setting - Light Setting**.

*The default settings are Color Mode C0(Blue + Red) and Flashing Mode L1-01. The actual color differs from that of the App's rendering, please refer to the actual effect.

SMART TIMER CLOCKING FUNCTION

01／Viewing the time

In the timing interface, long press the 'Logo' button for 1 sec to display the date, long press again to display the clock. Press the 'Logo' button to return to the timing interface.

02／Time calibration

① Automatic calibration in the (Recommended). Connect the timer to the App. Enter App **Homepage – Devices**, find the timer in the device list and select **Setting- Time Calibration**.
② Manual Calibration on the timer
1. At the date/clock display interface, double press 'Logo' button to enter the setting interface.
2. Press 'Logo' button to select the parameter to be set.
3. The left touch pad decreases and the right touch pad increases the time. Press or hold the corresponding touch pad to adjust step by step or continuously.
4. Press the 'Logo' button for 2 secs to save and return to the date/clock display interface.

BATTERY STATUS

Status of timer	Battery icon	Battery status
Using		40%–70% left
		10%–40% left
	(Flashing)	Less than 10% left
	(Flashing)	BATTERY RUNS OUT, and the timer will turn off automatically after 20 seconds.
Charging	(The 1st grid flashes)	Less than 40% charged
	(The 2nd grid flashes)	40%–70% charged
	(The 3rd grid flashes)	70%–99 charged
		Battery full

The battery type of the timer is 3.7V rechargeable lithium battery. DO NOT connect the timer to power devices over DC 5.0V.

Download Cube Station App Record and analyze your results

Scan and visit us. Experience more fun of speedcubing

产品中有毒有害物质或元素的名称及含量

部件名称	有害有毒物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑胶部件	○	○	○	○	○	○
五金部件	○	○	○	○	○	○
内部连接线	○	○	○	○	○	○
主电路板	○	○	○	○	○	○
音频接头	×	○	○	○	○	○
USB接头	○	○	○	○	○	○
LED电路板	○	○	○	○	○	○
液晶显示屏	○	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363–2006标准规定的限量以下。
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363–2006标准规定限量要求。

环保使用期限： **10**