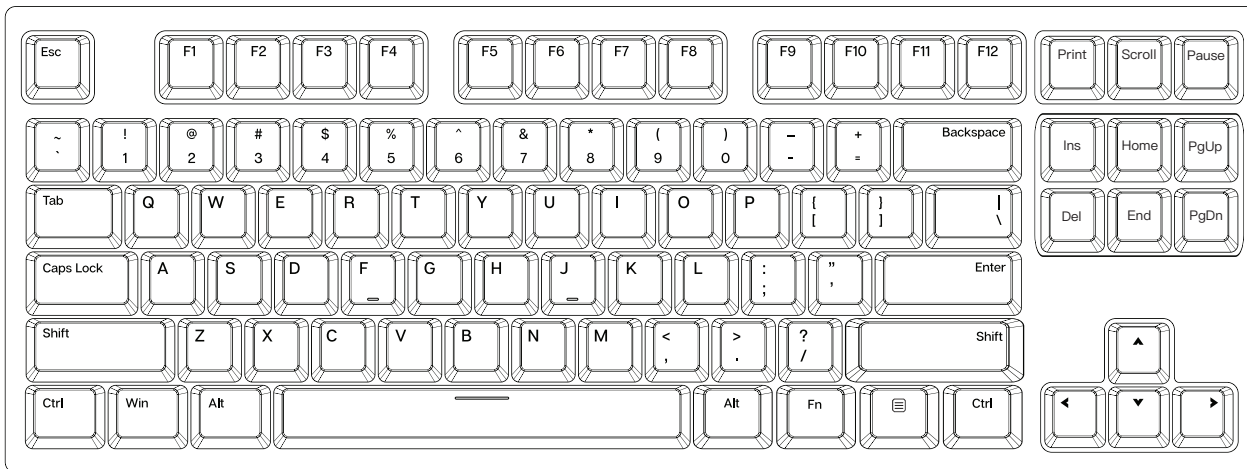


# EPOMAKER EP87



## 87-key three-mode hot-swappable mechanical keyboard

This Quick Guide is an introduction to the use and functionality of the EPOMAKER EP87.  
For in-depth guide of functionality of the customization software please refer to the manual that you can find in the official epomaker website at <https://epomaker.com/pages/software-downloads>

Should you require more assistance please email us at [support@epomaker.com](mailto:support@epomaker.com)



### Made in China

**Manufacturer:** Shenzhen Changyun Technology Co., Ltd.  
**Address:** Seventh Floor, Kai Daer Building, No.168 Tongsha Road, Xili Street, Nanshan District, Shenzhen, Guangdong, CN  
**Email:** [support@epomaker.com](mailto:support@epomaker.com)  
**Web:** [www.epomaker.com](http://www.epomaker.com)



### APEX CE SPECIALISTS LIMITED

**Address:** UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK, NEW MALLOW ROAD CORK, T23 AT2P, IRELAND  
**Contact:** Wells  
**Tel:** +353212066339  
**Email:** [info@apex-ce.com](mailto:info@apex-ce.com)



MAC MODES		WIN MODES	
FN+F1	Brightness-	FN+F1	Brightness-
FN+F2	Brightness+	FN+F2	Brightness+
FN+F3	Screenshot	FN+F3	Task Manager
FN+F4	Task Manager	FN+F4	Resource manager
FN+F5	Mute Audio	FN+F5	E-mail
FN+F6	Volume-	FN+F6	Home Page
FN+F7	Volume+	FN+F7	Previous Song
FN+F8	Previous Song	FN+F8	Play/Pause
FN+F9	Pause/Play	FN+F9	Next Song
FN+F10	Next Song	FN+F10	Mute Audio
FN+F11	search	FN+F11	Volume-
FN+F12	Home Page	FN+F12	Volume+
QUICK FUNCTION		RGB LIGHT EFFECT CONTROL	

FN+A	Win Modes	Fn+Backspace	RGB Backlight On/Off
FN+S	Mac Modes	FN+Pause	Change RGB Backlight Effect Modes
Fn+Space	Current Modes	FN+Home	Change RGB Backlight Effect
FN+WIN	Win Lock	FN+PgUp	Change RGB Backlight Effect direction
FN+ESC (Hold 3s)	Reset	FN+ ↑	Increase Brightness
FN+1	Bluetooth 1	FN+ ↓	Reduce Brightness
FN+2	Bluetooth 2	FN+←	Reduce Effect Speed
FN+3	Bluetooth 3	FN+→	Increase Effect Speed
FN+4	2.4G		
FN+5	Type-c		

WIRELESS CONNECTION

EN

PAIRING WIRELESS 2.4GHZ

1. Power on the keyboard

2. Short press FN+4 to enter 2.4G mode

3. FN+4 combination key 3S to enter pairing mode

4. Insert the receiver, the indicator light flashes quickly

5. After the pairing is successful, exit the code matching, and the mode light will always be on for 2S
- 30s after the paired device is notfound, the exit code matching mode light goes out and the keyboard goes to sleepAfter the pairing is successful, let stand for 2 minutes to enter the light sleep state, andthe keyboard enters deep sleep after 10 minutes from entering the light sleep state

PAIRING BLUETOOTH

1. Power on the keyboard

2. Short press FN+1/2/3 key combination to enter Bluetooth mode

3. Long press the FN+1/2/3 key combination for 3S, the keyboard enters the code matching state, and the indicator light flashes quickly

4. Connected to the device, the indicator light is always on for 2S
- If the device is not connected, the indicator light goes out, and the keyboard goes to sleep  
After the pairing is successful, let it stand for 2 minutes to enter the light sleep state, and the keyboard enters deep sleep after 15 minutes from entering the light sleep state

BATTERY POWER

1. The battery is below 10%, and the space flashes

2. The space is always on during charging

3. Restore the current backlight mode after full

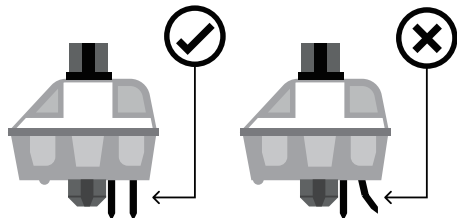
PRODUCT SPECIFICATIONS

NUMBER OF KEYS	87 KEYS
HOT-SWAP	YES
BACKLIGHT	RGB BACKLIGHT
CONNECTION	Type-C BT5.0 2.4G
COMPATIBILITY	WINDOWS/MAC
BATTERY	2700mAh
PRODUCT WEIGHT	855G±20G
PRODUCT DIMENSIONS	360mm×135mm×28.5mm

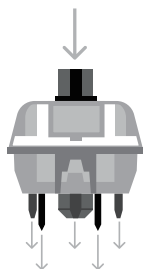


## REPLACING KEYCAPS AND SWITCHES

For a full guide on how to remove keycaps and switches scan the QR Code or type in your browser:  
<https://epomaker.com/blogs/guides/diy-guide-how-to-remove-and-replace-your-mechanical-keyboard-switches>



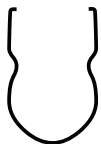
Before installing switches, be sure the pins are clean and straight.



### Push Straight Down

Please be gentle. Be sure the pins are aligned with the slots.

### Included Tools



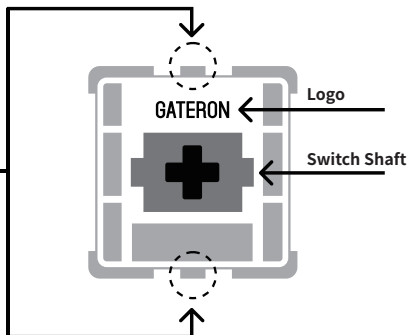
Switch Puller



Keycap Puller

### Mechanical Switch

Example of a switch as seen from top after you remove the keycap to prepare for switch removal.



The Switch Puller tool aligns Vertically to the Switch to unclip the plastic securing the switch to the plate.

### Remove Switches

1. Grab your Switch Removal Tool and align the gripping teeth vertically (on the Y-Axis) at the center of the switch, as shown in the example graphic above.
2. Grab the switch with the Switch Puller and apply pressure until the switch releases itself from the plate.
3. Using firm but gentle force pull the switch away from the keyboard using a vertical motion.



Note: If the key doesn't work it's possible you may have bent one of the switches while installing it. Pull the switch out and repeat the process.

Pins may be damaged beyond repair and need replacement if this process is not done correctly. Never apply excessive force when replacing keycaps or switches. If you cannot remove or install keycaps or switches please contact customer service as soon as possible to avoid damage to the keyboard due to operating errors.

### Install Switches

1. Check that all the switch metallic pins are perfectly straight and clean.
2. Align the switch vertically to have the Gateron logo facing north. The pins should align themselves to the keyboard PCB.
3. Press the switch down until you hear a click. This means your switch clips have attached themselves to the keyboard plate.
4. Inspect the switch to ensure it's properly attached to your keyboard, and test it.

## TECHNICAL ASSISTANCE

For technical assistance, please email to [support@epomaker.com](mailto:support@epomaker.com) with your purchase order number and a detailed description of your issue.

We normally respond to enquiries within 24 hours. If you purchased your keyboard from a distributor or not from any official store of Epomaker, please contact them directly for any additional help.

## COMMUNITY FORUMS

Join our community and learn together with other keyboard enthusiasts.



<https://discord.gg/2q3Z7C2>



<https://www.reddit.com/r/Epomaker/>

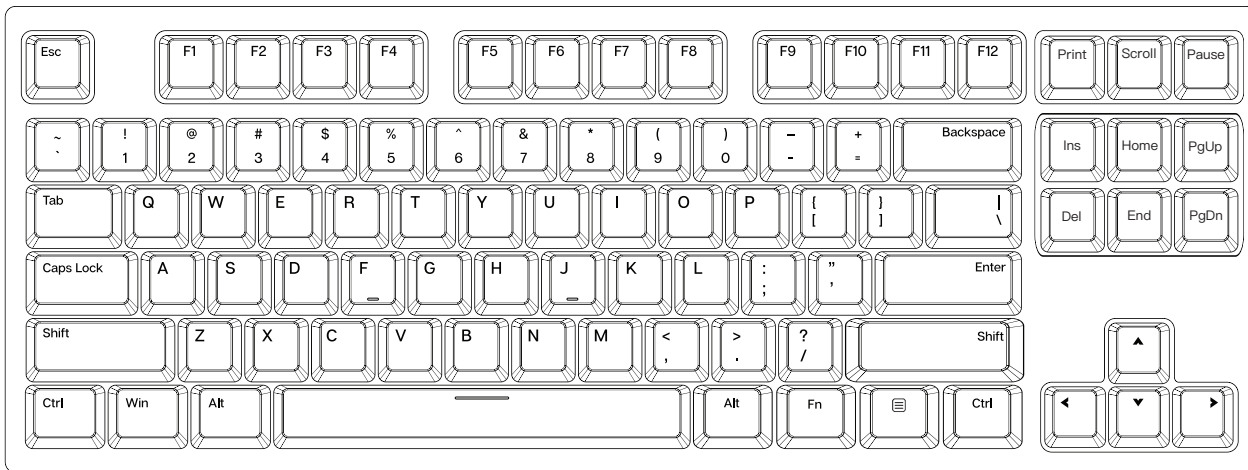
## WARRANTY

EPOMAKER's Warranty covers any factory defects that might affect the proper functionality of your purchase. It doesn't cover any damage that may occur from normal wear and tear. If your product is defective we will send you a replacement unit. Replacement units might require you to send the defective unit back to Epomaker.

We provide a 1 year warranty for our products when bought from our website (EPOMAKER.com). Your item will not be covered by your 1 year warranty if the inspection shows any sign of modification or changes unsupported by the original product, these include: Changing internal components, Assembling and reassembling the product, Replacing Batteries, etc.

We will ONLY cover the item if it is bought from our official stores. You do not have a warranty with us if you bought the item from another reseller or likewise. Please contact the store that you bought your product from to resolve issues.

# EPOMAKER EP87



## 87键三模热插拔机械键盘

本快速指南是对EPOMAKER EP87 的使用和功能的介绍。

关于定制软件功能的深入指导，请参考epomaker官方网站（<https://epomaker.com/pages/software-downloads>）中的手册。

如果您需要更多的帮助，请给我们发电子邮件：[support@epomaker.com](mailto:support@epomaker.com)。



### 中国制造

制造商：深圳市畅韵科技有限公司  
地址：广东省深圳市南山区西丽街道同沙路168号凯达尔大厦7楼  
电子邮件：[support@epomaker.com](mailto:support@epomaker.com)  
网址：[www.epomaker.com](http://www.epomaker.com)



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Contact: Wells  
Tel: +353212066339  
Email: [info@apex-ce.com](mailto:info@apex-ce.com)



MAC 模式	WIN 模式
<b>FN+F1</b>	屏幕亮度-
<b>FN+F2</b>	屏幕亮度+
<b>FN+F3</b>	截屏
<b>FN+F4</b>	任务控制
<b>FN+F5</b>	静音
<b>FN+F6</b>	音量-
<b>FN+F7</b>	音量+
<b>FN+F8</b>	上一曲
<b>FN+F9</b>	暂停/播放
<b>FN+F10</b>	下一曲
<b>FN+F11</b>	搜索
<b>FN+F12</b>	主页

快捷功能	RGB 灯效控制
<b>FN+A</b>	Win模式
<b>FN+S</b>	Mac模式
<b>FN+空格</b>	当前模式确认
<b>FN+WIN</b>	锁定/解锁Win
<b>FN+ESC (长按三秒)</b>	恢复出厂设置
<b>FN+1</b>	蓝牙设备1
<b>FN+2</b>	蓝牙设备2
<b>FN+3</b>	蓝牙设备3
<b>FN+4</b>	2.4G模式
<b>FN+5</b>	有线模式

无线连接	CN
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## 2.4G 模式

- 1.键盘开机
- 2.短按FN+4进入2.4G模式
- 3.FN+4组合键3S进入配对模式
- 4.插入接收器，指示灯快闪
- 5.配对成功后退出对码模式灯常亮2S设备名称

找不到配对设备30s后，退出对码模式灯熄灭，键盘进入睡眠配对成功后静置2分钟进入浅睡状态，进入浅睡状态起算10分 钟后键盘进入深度睡眠

## 蓝牙模式

- 1.键盘开机
- 2.短按FN+1/2/3组合键进入蓝 牙模式 3.长按FN+1/2/3组合键3S，键 盘进入对码状态，指示灯快闪 4.连上设备指示灯常亮2S

如没有连上设备指示灯熄灭键盘进入睡眠配对成功后静置2分钟进入浅睡状态，进入浅睡状态起算15分 钟后键盘进入深度睡眠

## 电量提示

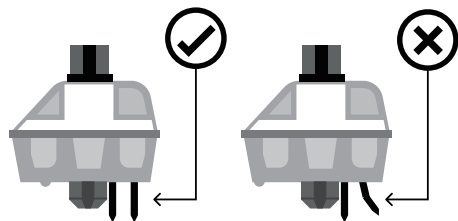
- 1.电量低于10% 空格闪烁
- 2.充电过程空格常亮
- 3.充满后恢复当前背光模式

规格参数	
按键数	87键
热插拔	全键轴座热插拔
背光灯	RGB背光
连接方式	Type-C、蓝牙 2.4G
系统兼容性	WINDOWS/MAC
电池	2700mAh
重量	855G±20G
尺寸	360mm×135mm×28.5mm

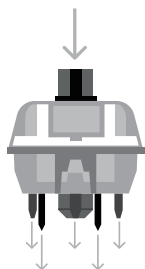


## 更换轴与键帽

扫描二维码或登录网址查看拔插键帽与轴的完整说明书。<https://epomaker.com/blogs/guides/diy-guide-how-to-remove-and-replace-your-mechanical-keyboard-switches>



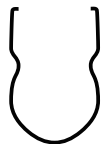
在装轴之前，请确保轴底部的插针是笔直且干净的。



### 垂直按下

请确认插针与键盘上的插槽对齐后，轻轻按下。

### 随附工具



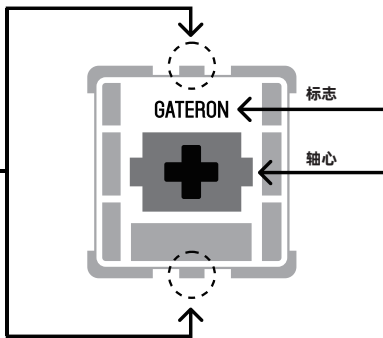
拔轴器



拔键器

### 机械轴

将键盘上的键帽拆除后，可看到如图所示的机械轴。



请将拔键器的尖端对准轴体上下两端的轴体开关，用力夹紧开关，像使用镊子一样将轴拔出。

### 安装轴体

1. 检查轴体底部的插针，确保插针竖直无弯曲，干净无脏污。
2. 将轴体垂直于套件，让插针对准套件PCB板上的插孔。如果键盘是下灯位键盘（LED灯位于正南），则此时Gateron的标志应位于正上方（正北方）。反之亦然。
3. 将轴轻轻按下，当轴体正确插入时，您会听到一声轻轻的咔哒声。
4. 检查并测试轴体是否安装稳妥。



注意：如果您在插拔轴体的过程中不慎将轴体底部插针弯曲，则键盘按键将无法正常工作。此时请将轴体拔出，将插针抚平并还原为竖直状态，重新插入套件。

如在插拔过程中操作不当，则插针可能会被损坏且无法修复。在安装轴体和键帽时，请不要过度用力。安装过程中禁止使用暴力插拔。如您安装过程中有任何疑问，请立即联系客服，避免因操作不当损毁产品。

## 技术支持

如您需要帮助或技术支持，请发送邮件至[support@epomaker.com](mailto:support@epomaker.com)。邮件中请提供您的订单号和问题的详细说明。

我们通常会在收到邮件后24小时内回复您。如果您的产品是从除了Epomaker官方店铺以外的其他经销商处购买，请直接联系将产品出售给您的经销商。

## 社区论坛

加入我们的社群，与其他机械外设爱好者一起学习和分享。



<https://discord.gg/2q3Z7C2>



<https://www.reddit.com/r/Epomaker/>

## 社区论坛

Epomaker的保修政策适用于因工厂缺陷而导致您购买的产品无法正常使用的情况。该保修政策不适用于任何因正常使用而引发的产品故障或产品磨损。如您购买的产品有工厂制造缺陷，我们会为您提供替换品。在提供替换品前，您需要将您持有的故障品寄回给我们。

Epomaker为在官网上（[epomaker.com](https://epomaker.com)）购买的键盘提供1年的保修服务。未经官方授权的修改/修复/改造/调整过的产品无法享有保修或退换服务，修改/修复/改造/调整包括但不限于：更换内部配件、自行拆开或组装、更换电池等。

我们仅为在我们官方商店购买的商品提供售后保障服务。如您从其他零售商处购买，则我们无法为您提供相应的售后保障服务。当您遇到售后问题时，请直接联系将产品销售给您的零售商。