



P2 HE Wireless Magnetic Switch Keyboard Knob
Version

Fully Assembled Version

Keyboard

1 x Fully Assembled Keyboard

Including

1x Case

1x PCB

1x Aluminum Plate

1x Sound Absorbing Foam

1x EPDM Foam

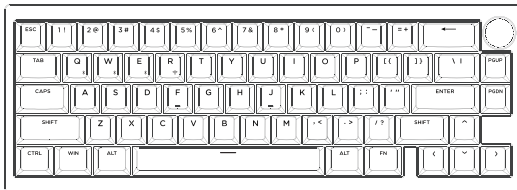
1x Bottom Case PET Film

12 x 50° Gaskets Silicone Beans Installed

4 Sets x Stabilizers

1 Set x Keycaps (PBT Double-shot)

1 Set x Magnetic Switches



Cable

1 x Type-A to Type-C Cable

Receiver

1x Type-A 2.4GHz Receiver

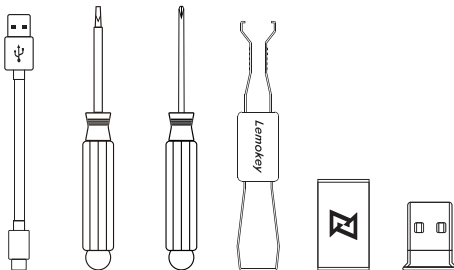
1x Extension Adapter For Receiver

Tools

1 x Keycap-Switch Puller

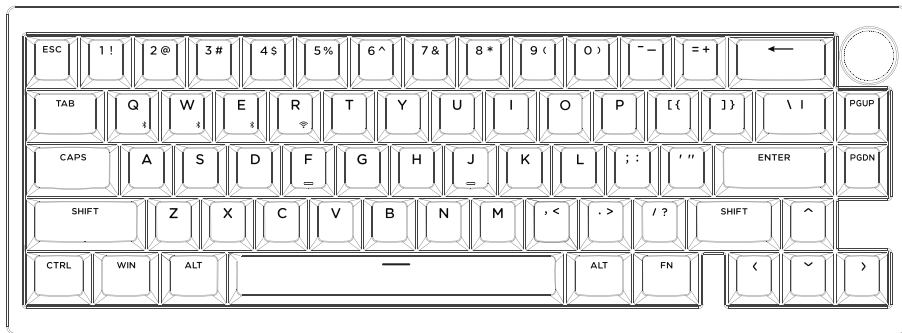
1 x Screwdriver

1 x Hex Key



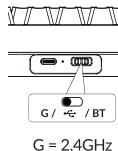
Quick Start Guide

The default system of this product is Windows.



1 Connect 2.4GHz Receiver

Switch toggle to 2.4GHz mode



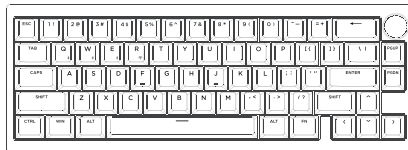
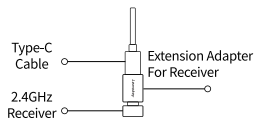
Press FN + R (for 3 seconds)



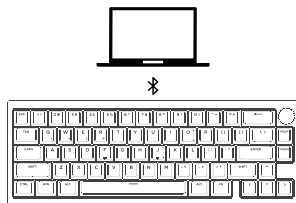
Connect the 2.4GHz receiver to the device USB port.



Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.



2 Connect Bluetooth



Switch toggle to Bluetooth



G /  / BT

BT = Bluetooth

Press FN + Q (for 3 seconds) and pair with device named Lemokey P2 HE.



3 Connect Cable



Switch toggle to Cable



G /  / BT

4 The Lemokey Launcher App

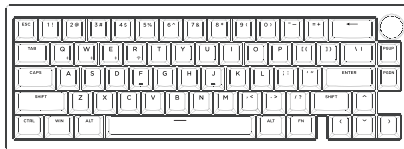
Please visit launcher.lemokey.com to access the Keychron online launcher app. This app enables users to remap keys, adjust key actuation points, assign multiple commands to a single key, enter game controller mode, and more.

If it cannot recognize your keyboard, please reach our support to get instruction.



*The online launcher app can only run on the latest version of Chrome, Edge, and Opera browsers yet.

5 Set Up Mac Layer



+

Use the online launcher app to remap the Windows keys to Mac keys.

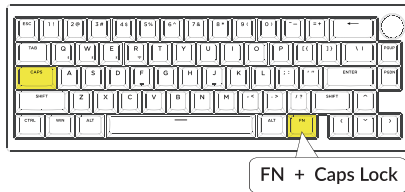


6 The Backlight

Press FN + A to change the lighting effect



Press FN + Caps Lock to turn the backlight on/off

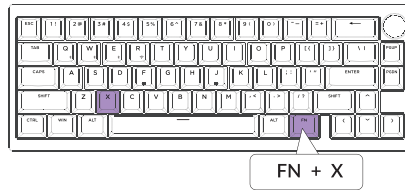


7 Adjust The Backlight Brightness

Press FN + S to increase the backlight brightness

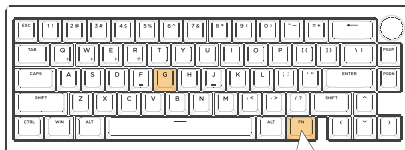


Press FN + X to decrease the backlight brightness



8 Adjust The Backlight Speed

Press FN + G to increase the light effect speed



FN + G

Press FN + B to decrease the light effect speed



FN + B

9 Warranty

The keyboard is highly customizable and easy to be rebuilt. If anything goes wrong with any of the keyboard components of keyboard during the warranty period, we will only replace the defective parts of the keyboard, not the whole keyboard.



10 Factory Reset & Firmware Update



Troubleshooting? Don't know what's going on with the keyboard?

Factory reset your keyboard

1. Power on your keyboard.
2. Press and hold FN + J + Z (for 3 seconds). The keyboard backlight will flash in red quickly for 3 seconds, indicating that the keyboard has been reset.

Flash your keyboard firmware

1. Visit launcher.lemokey.com to open the online Launcher web app.
 2. Ensure the keyboard is in Cable or Wired mode and plug in the power cable.
 3. Find the 'Firmware Update' tab on the left side of the Launcher and connect your keyboard with it.
 4. Follow the instructions on the Launcher and complete the firmware update.
- * Step-by-step guide, search the keyword "firmware" on lemokey.com.

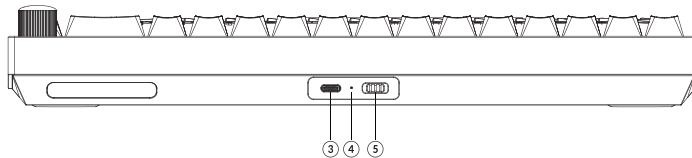
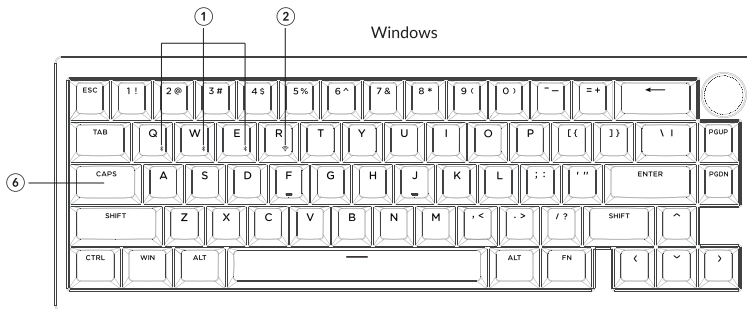
P2 HE WIRELESS MAGNETIC SWITCH KEYBOARD SPECIFICATIONS

Number of keys	65	Layout	65%
Switch type	Magnetic	Width	116.14 mm
Battery	4000mAh	Length	317.65 mm
Charging time	Around 5 hours	Back height	31.58 mm (without keycaps)
Charging port	Type-C		40.8 mm (with keycaps)
Mode	2.4GHz / Bluetooth / Wired	Front height	21.5 mm (without keycaps)
Bluetooth operating distance	Within 10 meters (open space)		30.9 mm (with keycaps)
Name of Bluetooth device	Lemokey P2 HE	Keyboard feet height	1.25 mm
		Angle	5.5°

Operating environment: -10 to 50°C

Technical specifications can be subjected to change without notice, we apologize for any inconvenience caused.

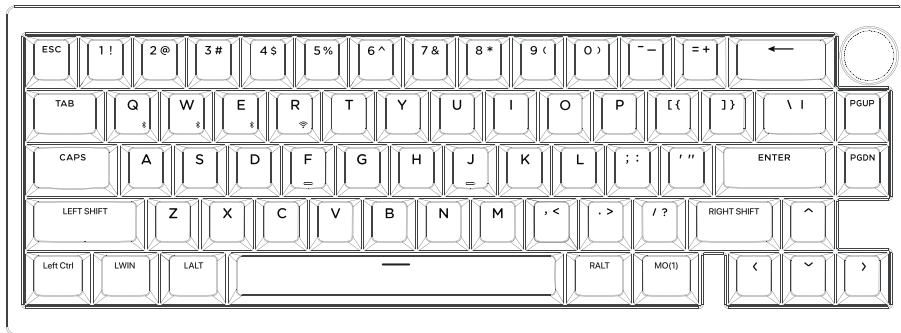
P2 HE WIRELESS MAGNETIC SWITCH KEYBOARD OVERVIEW



- ① Bluetooth Channel Indicator
- ② 2.4GHz Channel Indicator
- ③ Type-C Port
- ④ Power Indicator
- ⑤ 2.4G Cable Bluetooth (Connection Mode Toggle)
- ⑥ Caps Lock Indicator

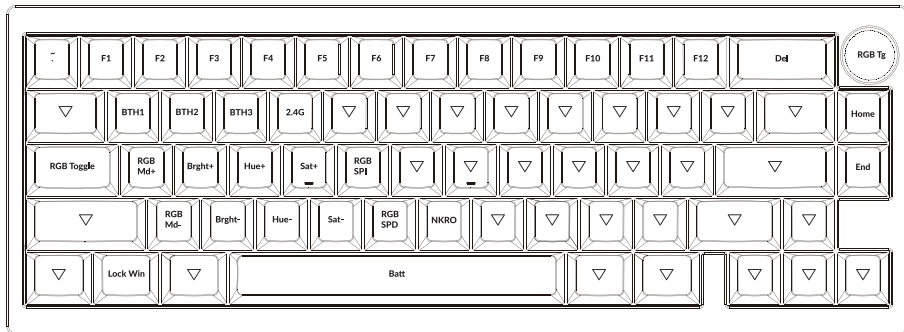
DEFAULT KEY LAYOUT:

LAYER 0: This is the default layer.



LWIN = Left Windows LALT = Left Alt RALT = Right Alt

LAYER 1: This layer will be activated when you press the FN/MO(1) key.



KEY DESCRIPTION

Key Description		Key Description	
Bright-	Backlight Decrease	MO(2)	Layer 2 will be activated when holding this key
Bright+	Backlight Increase	MO(3)	Layer 3 will be activated when holding this key
Mute	Mute	BTH1	Bluetooth Host 1
RGB Toggle	Turn Backlight on/off	BTH2	Bluetooth Host 2
RGB Md+	RGB Mode Next	BTH3	Bluetooth Host 3
RGB Md-	RGB Mode Previous	2.4G	2.4GHz Host
Hue+	Hue Increase	Batt	Battery life
Hue-	Hue Decrease	NKRO	N-key rollover
RGB SPI	RGB Speed Increase	Lock Win	Lock Windows Key
RGB SPD	RGB Speed Decrease	Sat+	Saturation Increase
MO(1)	Layer 1 will be activated when holding this key	Sat-	Saturation Decrease

LED STATUS OVERVIEW

LED Location	Function	Status
Power Indicator	Charging	Charging - Static Red Fully Charged - Static Green
Bluetooth / 2.4 GHz Indicator	Bluetooth / 2.4 GHz	Reconnecting - Fast Blinking Paired - Light Off Pairing - Slow Blinking
Caps Lock Indicator	Caps Lock	Enable Caps Lock - Static White Disable Caps Lock - Light Off
Windows Key	Lock Windows Key	Enable Win Lock - Static Red

FUNCTION DESCRIPTION: CHARGING

Plug the cable into a USB port and plug the other end into the keyboard port. Power indicator: A red light will stay on while charging; Fully charged in around 5 hours, a green power indicator will appear. If the power is low, the red light will blink.

*The Lemokey keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The Lemokey P2 HE can be charged in 2.4 GHz/Cable/Bluetooth mode.

**This product supports up to 5V charging voltage and 1A charging current. We are not responsible for any problems caused by improper charging.

2.4GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE)

2.4GHZ MODE

1. Switch the toggle to the "G" option. Press "FN" + "R" on your keyboard for 4 seconds to activate the 2.4GHz pairing status.
2. Connect the 2.4GHz receiver to your device's USB / Type-C Port. The keyboard will automatically connect to your device.

BLUETOOTH MODE

1. Switch the toggle to the "BT" option.
2. Backlighting will be turned on.
3. Hold "FN+Q" key for 3 seconds to activate Bluetooth pairing (the Bluetooth indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device "Lemokey P2 HE" on your device and connect it (the Bluetooth indicator goes off after successful pairing).

Note: This keyboard supports pairing up to 3 devices simultaneously via key combination "FN" + "Q" / "FN" + "W" / "FN" + "E".

**The Bluetooth indicator will continue to flash for 3 minutes.*

***Slow or failed connections may exist due to different Bluetooth versions, please make sure all the settings are correct.*

SWITCH BLUETOOTH DEVICES

Short press key combination "FN" + "Q" / "FN" + "W" / "FN" + "E" to switch to other device.

RECONNECT:

1. Switch the keyboard to the “BT” option to activate the keyboard.
2. The Bluetooth indicator flashes for 3 seconds and automatically pairs with the last paired device.
3. If the Bluetooth indicator is off, press any button to enter the connection again.

*The keyboard must have been paired with the device to perform this function.

WIRED MODE

1. Switch the toggle to the “ ” option (it only works when the cable is plugged in).
2. Connect our cable with your PC and keyboard.
3. Backlighting will be turned on.

*Under Wired Mode, keyboard will not enter into Battery Saver Mode.

TURN OFF THE KEYBOARD

Switch the keyboard to the “ ” option and unplug the power cable.

BACKLIGHT SETTING

- Short press key combination “FN” + “Caps Lock” or “FN” + “knob (press)” to turn the backlight on/off.
- Short press key combination “FN” + “A” / “FN” + “Z” to switch between different types of lighting effects.

AUTO SLEEP MODE:

When the keyboard is in Bluetooth or 2.4G wireless mode, it will enter AUTO SLEEP MODE when there are no key operations to save power.

1. After 10 minutes of inactivity, the keyboard backlight turns off. Press any key to wake up the keyboard;
2. After 30 minutes of inactivity, the keyboard will enter deep sleep mode and disconnect the wireless connection. Press the SPACE BAR to wake up the keyboard. The keyboard backlight turns on and automatically connects back to your device.

PROFILE SWITCHING IN HALL EFFECT MODE

Short press FN + P + Z / X / C to switch to Profile 1 / 2 / 3. The keyboard backlight will flash red, with the Z / X / C key flashing white, indicating that the Hall Effect mode profile has been successfully switched.

The key combination for each Profile is configurable on the Launcher web app: open the app > go to Keymap > Custom > select the button PROF1 / PROF2 / PROF3 > drop it on the key you want on Layer 0 / 1 / 2 / 3.

* PROF1 = Profile 1; PROF2 = Profile 2; PROF3 = Profile 3

TROUBLESHOOTING

If unable to pair keyboard to device, confirm that the device you're trying to pair with is Bluetooth-capable. If so, restart the device and try pairing it with the keyboard again.

Note: On a Windows computer, a new Bluetooth connection will sometimes require additional software updates-a process that may still be ongoing after a message appears indicating a successful completion. Wait at least 20 minutes after pairing to make sure all updates are completed before restarting the computer.

Confirm that the device is configured to accept Bluetooth connections (Windows) and supports an external keyboard (HID profile).

Go to Bluetooth Devices > Open Settings and select the following:

Allow Bluetooth devices to find this computer

Allow Bluetooth devices to connect to this computer

Alert me when a Bluetooth device wants to connect

My keyboard isn't working in Bluetooth mode.

For the computer/smartphone:

Go to your device Bluetooth settings>Select the keyboard and remove/delete/unpair it.

Then restart your device.

For the keyboard:

Turn the keyboard off and back on. Then reconnect it to your device.

My keyboard isn't working in 2.4 GHz mode.

Ensure the toggle is set to 2.4 GHz, remove the receiver from your device, and press "FN" + "R" for 3 seconds to force pair, then reinsert the receiver into the device, keeping the keyboard within 20 cm of the receiver for optimal pairing.

Wireless connection is interrupted even within 10 meters.

Check if the keyboard is resting on a metal surface that can interfere with the wireless signal.

Third-party input tools are not compatible with the keyboard.

Due to compatibility, versions, brands and drivers of Windows/Android OS, functions of third-party input tools may be affected while using the keyboard. Please make sure your operating system and drivers are up to date.

Certain function keys do not work.

Certain function keys may be disabled due to compatibility, versions, brands, and drivers of devices.

*Function keys:

F1 / F2 / F3 / F4 / F5 / F6 / F7 / F8 / F9 / F10 / F11 / F12

Safety Precaution:

Keep the product, accessories and packaging parts out of the reach of children to prevent any accidents and choking hazards.

Always keep the product dry to avoid corrosion.

Do not expose the product to extreme temperatures below -10°C(14°F) or above 50°C(122°F) to preserve the lifespan of the keyboard.



Find us at:

<https://www.lemokey.com>

support@lemokey.com

 @lemokey

 @lemokey.keyboard

 @lemokey_com

Designed by Lemokey

Made in China



P2 HE 无线磁轴键盘 **旋钮版本**

完全组装版本

键盘

1x 已组装成品键盘

包含

1x 外壳

1x PCB

1x 铝定位板

1x 吸音泡棉

1x EPDM泡棉

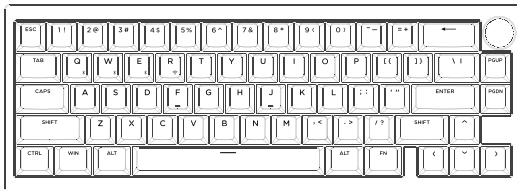
1x 底壳PET垫

12x 50度Gasket硅胶粒已安装在键盘本体

4套PCB卫星轴

1套键帽(PBT材质-双色注塑)

1套磁轴



线材

1x Type-A to Type-C 接口线材

接收器

1x Type-A 2.4GHz 接收器

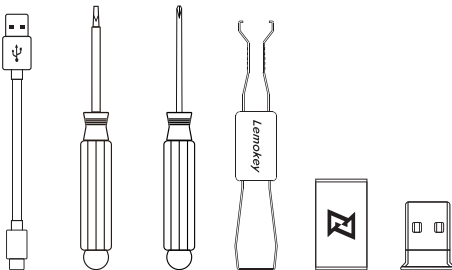
1x 接收器延长器

工具

1x 拔轴键器

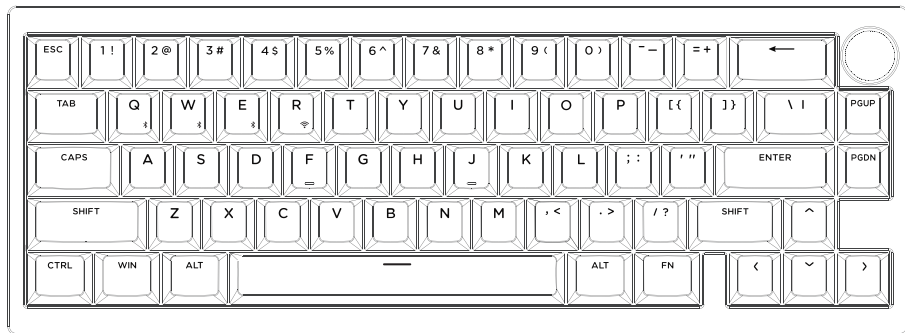
1x 十字螺丝刀

1x 内六角螺丝刀



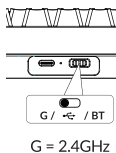
快速上手指南

本产品默认系统为Windows系统。

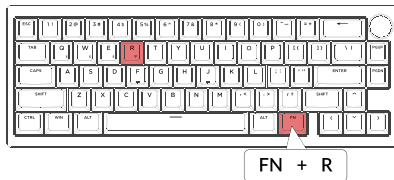


1 连接2.4GHz接收器

把开关拨到2.4GHz模式



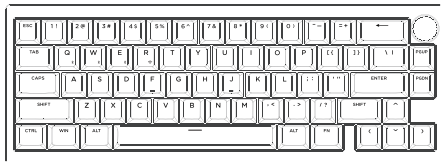
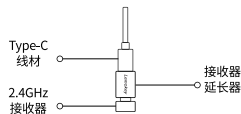
长按Fn+R三秒,使键盘进入配对模式



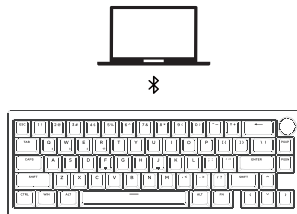
将2.4GHz接收器连接到设备USB端口。



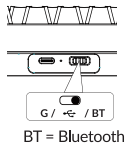
注意:为了获得最佳的无线体验,我们建议将2.4GHz接收器插入线材+赠送的接收器延长器,放置在书桌上靠近你的键盘,以降低延迟率和更少的干扰信号。



2 连接蓝牙



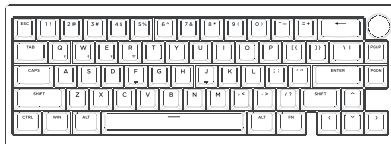
把开关拨到蓝牙模式



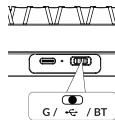
长按Fn+Q三秒使键盘进入配对模式，
键盘的配对名为:Lemokey P2 HE



3 连接有线

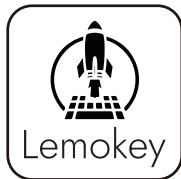


把开关拨到有线模式



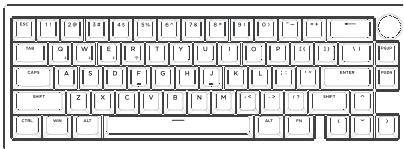
4 关于Lemokey Launcher App

请访问launcher.lemokey.com 使用在线Launcher app。
该软件可以映射按键, 调节按键触发点, 设置一键多重命令,
体验游戏手柄模式等功能。
如果Launcher app不能识别你的键盘, 请联系我们以获得
技术支持。



*在线Launcher app只能在最新版本的Chrome, Edge和Opera浏览器中运行。

5 设置Mac键层



+

使用在线launcher app软件,
将您的Windows按键映射为Mac按键。



6 更改键盘背光模式以及快速关闭/开启键盘背光

组合FN+A键, 更改键盘背光模式。



组合FN+Caps Lock键, 可快速关闭/开启键盘背光。



7 调整键盘背光亮度

组合FN+S键, 提高键盘背光亮度。



组合FN+X键, 减少键盘背光亮度。



8 调整背光速度

组合FN+G键，增加光效速度。



组合FN+B键，降低光效速度。



9 保修

由于P2 HE客制化键盘是可高度定制且易于组装的，
所以键盘的任何一个部件出了问题，
我们只会更换键盘有问题的部件而不是整个键盘。



10 恢复出厂模式&更新固件



如果键盘出现了故障, 不知道怎么办?

恢复出厂设置

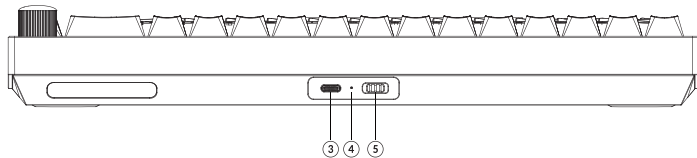
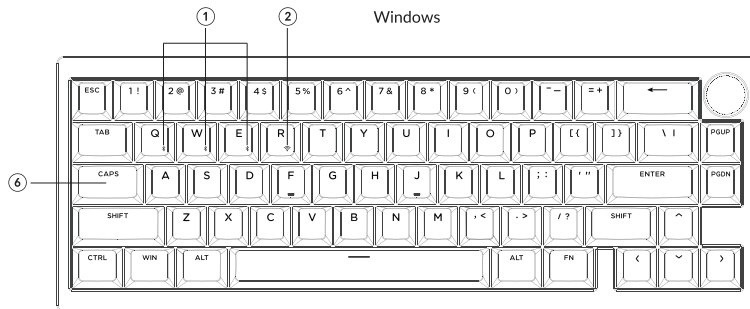
1. 打开键盘(任意模式均可)。
2. 按住FN+J+Z(持续3秒)。键盘背光灯会呈红色快速闪烁3秒, 表示键盘已重置。

刷新键盘固件

1. 访问launcher.lemokey.com打开在线Launcher web app。
2. 确保键盘处于Cable或者有线模式, 并插入电源线。
3. 在Launcher上找到"固件更新"选项, 并将键盘与其连接。
4. 按照Launcher提示, 完成固件更新。

* 在lemokey.com上搜索关键字"Firmware"可以找到步骤指南。

P2 HE 键盘概述



- ① 蓝牙通道指示灯
- ② 2.4GHz通道指示灯
- ③ Type-C 充电口
- ④ 电源指示灯
- ⑤ 2.4G Cable Bluetooth
(连接模式切换)
- ⑥ 大写锁定指示灯

P2 HE 键盘规格

按键	65键
轴	磁轴
电池	4000mAh
充电时间	5小时
充电端口	Type-C
模式	2.4GHz / 蓝牙 / 有线

蓝牙工作距离	最长10米(开放空间)
蓝牙设备名称	Lemokey P2 HE
布局	65%
宽度	116.14 mm
长度	317.65 mm
键盘脚垫高度	1.25 mm

键盘倾斜角度	5.5°
键盘上沿高度	31.58 mm (不含键帽高度)
	40.8 mm (含键帽高度)
键盘下沿高度	21.5 mm (不含键帽高度)
	30.9 mm (含键帽高度)

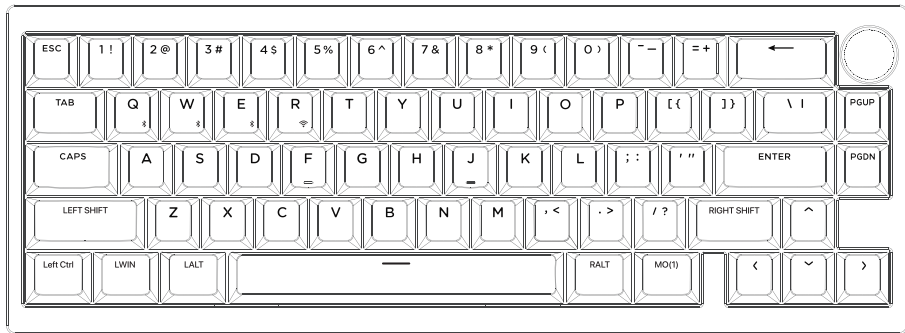
功能说明

LED状态显示如下:

功能	LED位置	状态
充电	充电指示灯	充电—红灯长亮 满电—绿灯
蓝牙 / 2.4GHz	蓝牙 / 2.4GHz通道指示灯	快闪—切换 熄灭—连接成功 慢闪—配对
大小写	大小写状态指示灯	白灯—大写 熄灭—小写
锁定Windows键	Windows键	锁定Windows键—红灯

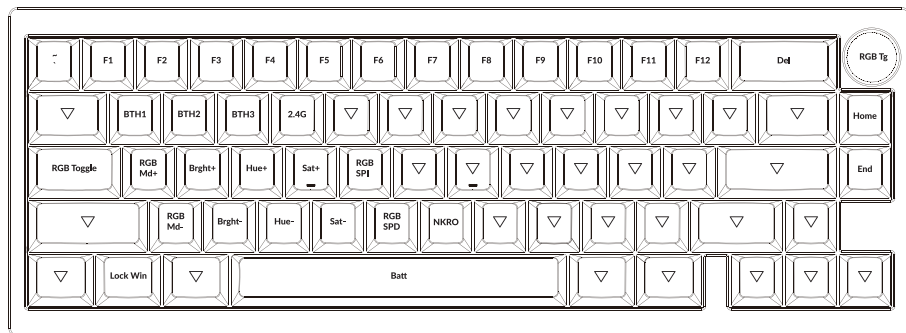
按键布局

层0: 这是默认图层。

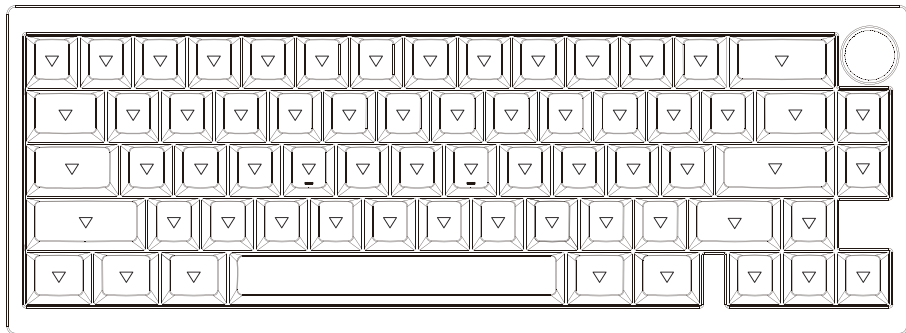


LWIN = Left Windows LALT = Left Alt RALT = Right Alt

层1:当您长按FN/MO(1)键时,层1将被激活使用。



层2 / 层3:这是一个空白层。



P2 HE 键盘多媒体按键说明

按键说明	
Bright+	键盘背光亮度+
Bright-	键盘背光亮度+
Mute	静音
RGB Toggle	关闭/开启键盘背光
RGB MD+	下一个RGB灯光模式
RGB MD-	上一个RGB灯光模式
Hue+	下一个灯光颜色
Hue+	上一个灯光颜色
RGB SPI	RGB灯光速度+
RGB SPD	RGB灯光速度-
MO(1)	按住MO(1),层1将被激活

按键说明	
MO(2)	按住MO(2),层2将被激活
MO(3)	按住MO(3),层3将被激活
BTH1	蓝牙连接设备 1
BTH2	蓝牙连接设备 2
BTH3	蓝牙连接设备 3
2.4G	2.4GHz连接设备
Batt	电池电量
NKRO	全键无冲
Lock Win	锁定Windows键
Sat+	饱和度+
Sat-	饱和度-

充电

将电线插入USB端口，将另一端插入键盘的端口。

充电指示灯：充电时，充电指示灯红灯长亮；在约5小时内完全充电，指示灯绿色长亮。

*Lemokey P2 HE键盘与所有USB端口兼容。要获得最佳信号和最快充电时间，建议采用USB 3.0端口或5V-1A电源适配器。

*Lemokey P2 HE可在2.4GHz / 有线 / 蓝牙 模式下充电。

*有线模式下，充电指示灯不会熄灭。

*本产品最高支持5V充电电压，和1A充电电流。因不当充电而产生的问题，我们概不负责。

背光灯

-短按组合键“FN+Caps Lock”或“FN+旋钮(按压)”可关闭/开启键盘背光。

-短按组合键“FN+A” / “FN+Z”可切换背光效果。

2.4GHz / 蓝牙 / 有线模式

2.4GHz模式

1. 将键盘“模式切换开关”拨动到“G”位置(2.4GHz模式)，长按“FN+R”组合键4秒激活2.4GHz配对。

2. 将键盘2.4GHz接收器连接至设备端口的USB / Type-C 接口，键盘将自动连接到您的设备。

蓝牙模式

1. 将键盘“模式切换”拨动到“BT”位置。

2. 键盘背光灯将打开。

3. 长按“FN+Q”键3秒激活蓝牙配对(蓝牙指示灯闪烁3分钟)。

4. 在你的装置上搜索蓝牙装置“Lemokey P2 HE”并连接它(配对成功后蓝牙指示灯熄灭)。

注意：此键盘支持通过组合键“FN+Q” / “FN+W” / “FN+E”依次配对最多3台设备。

*因蓝牙版本较多等原因，初次连接可能出现连接缓慢或连接失败等问题，请耐心检查设备设置是否正确。

切换至蓝牙装置

短按组合键“FN+Q” / “FN+W” / “FN+E”切换到其他装置。

*切换过程可能会因切换频繁或切换速度过快，导致延迟，此时请耐心等待或重新切换。

回连

1. 将键盘切换到“BT”位置启动键盘。
 2. 蓝牙指示灯快闪3秒，自动配对上一次配对的设备。
 3. 如蓝牙指示灯熄灭，可按任何按键再次进入回连状态。
- *键盘必须曾经配对该装置才能实现此功能。

有线模式

1. 将键盘“模式切换”拨动到“ ”位置（没插USB线的时候键盘无任何反应）。
 2. 使用本产品USB Type-C线连接电脑即可使用。
 3. 键盘背光灯将打开。
- *在有线模式下，键盘不会自动进入省电模式。

关闭键盘

将模式开关拨动到“ ”，拔掉电源线，此时键盘关闭所有模式。

自动休眠模式

键盘在蓝牙或者2.4G无线模式下，无按键操作时会进入自动休眠模式来节约电量。

1. 无按键操作10分钟后，键盘背光关闭。按任意键唤醒键盘；
2. 无按键操作30分钟后，键盘将进入深度休眠模式，同时断开无线连接。按空格键唤醒键盘，键盘背光开启，并自动回连上您的设备。

磁轴功能的配置层切换

短按 FN + P + Z / X / C 可切换到配置层 1 / 2 / 3。键盘背光将闪烁红色，Z / X / C 键闪烁白色，表示已成功切换到磁轴功能对应的配置层。

每个配置层的组合键均可在Launcher上设置：打开Launcher > 选择“键盘键位” > “自定义” > 选择按键“PROF1” / “PROF2” / “PROF3” > 在第 0 / 1 / 2 / 3 键层上，将其放在您想要的按键上。

* PROF1 = 配置1；PROF2 = 配置2；PROF3 = 配置3

疑难排解

我无法将键盘与我的设备配对蓝牙。

答：确认您要配对的设备可使用蓝牙。

重新启动设备并尝试再次与键盘配对。

注意：在Windows计算机上，新的蓝牙连接有时需要额外的软件更新 - 在出现表示成功完成的消息后，该过程可能仍在进行中。配对后至少等待20分钟，以确保在重新启动计算机之前完成所有更新。

确认设备配置可接受蓝牙连接 (Windows) 并支持外部键盘 (HID配置文件)。

转到蓝牙装置>打开设置，然后选择以下复选框：

允许蓝牙设备找到这台电脑

允许蓝牙设备连接到这台电脑

当蓝牙设备想要连接时提醒我

我的键盘无法使用蓝牙。

答：请打开您的电脑/智能手机上的蓝牙设置>选择键盘并删除此设备/取消配对，然后重启您的设备；关闭并重新打开键盘，然后重新连接到您的设备。

我无法将键盘与我的设备配对2.4GHz。

请确保开关已切换至2.4GHz，从设备中拔出接收器，按住“FN”+“R”键3秒以强制配对，然后将接收器重新插入设备，确保在配对过程中键盘与接收器的距离不超过20厘米以获得最佳配对效果。

2.4GHz / 蓝牙连接或在10米内受干扰。

答：检查键盘是否放在可能干扰无线信号的金属表面上。

第三方输入工具与键盘不兼容

答：由于Windows / Android 系统的兼容性、版本、品牌和驱动程序，第三方输入工具在使用键盘时或被影响。请确保你的作业系统和驱动程序为最新版本。

某些功能键在设备上不起作用。

答:由于设备的兼容性,系统版本,驱动程序等原因,某些功能键可能无法使用。

*功能键:

F1 / F2 / F3 / F4 / F5 / F6 / F7 / F8 / F9 / F10 / F11 / F12

注意事项:

请勿将本产品,其配件和包装部件放在儿童接触到的地方,以防发生意外引致窒息。

请保持产品干燥,以免腐蚀。

请勿将产品暴露在低于-10°C (14°F) 或高于50°C (122°F) 的极端温度下,以维持键盘或电池的使用寿命。



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