



**L3 Wireless Mechanical Keyboard** Knob  
Version

# Fully Assembled Version

## Keyboard

1x Fully Assembled Keyboard

## Including

1x Aluminum Case

1x PCB

1x PC Plate

1x Sound Absorbing Foam

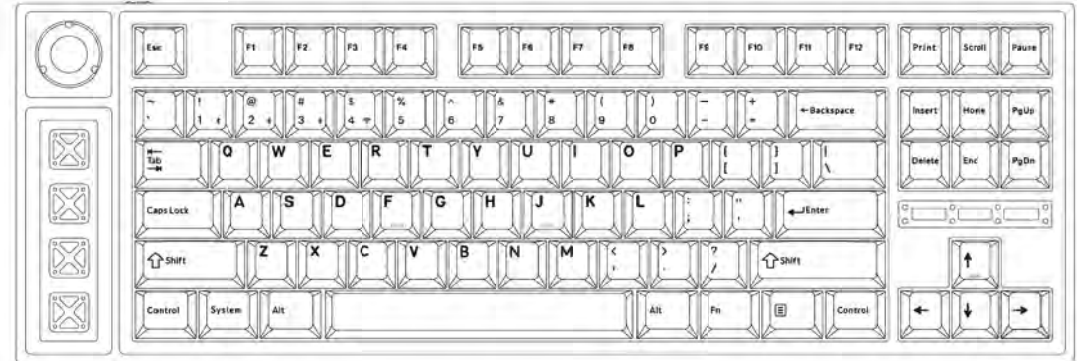
1x Case Foam

16x Gaskets (10 Installed and 6 in the Box)

5 Sets x Stabilizers

1 Set x Keycaps (PBT Double-shot)

1 Set x Switches



## Cable

1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter

1x Extension Adapter For Receiver

## Receiver

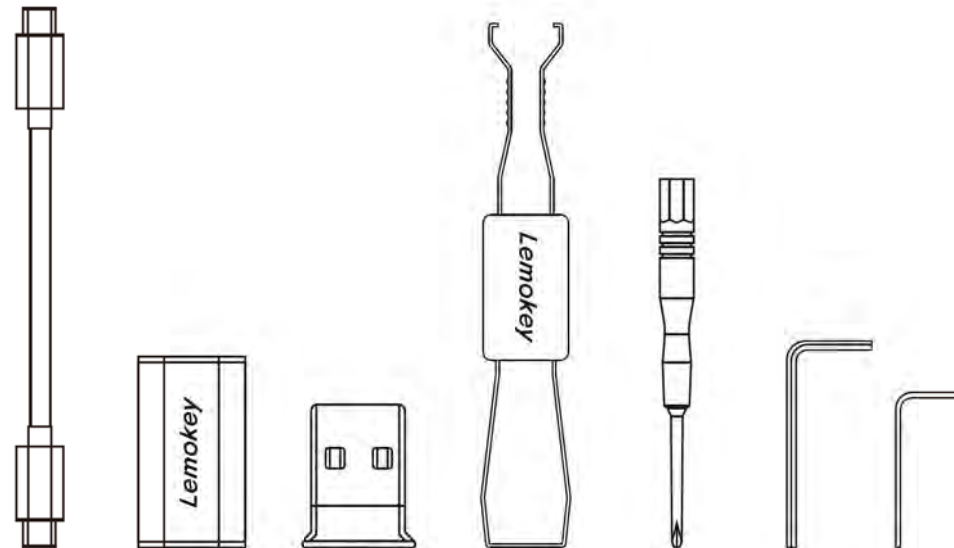
1x Type-A 2.4GHz Receiver

## Tools

1x Keycap-Switch Puller

1x Screwdriver

2x Hex Key



# Barebone Version

## Keyboard Kit

1x Keyboard Kit (Without Keycaps & Switches)

### Including

1x Aluminum Case

1x PCB

1x PC Plate

1x Sound Absorbing Foam

1x Case Foam

16x Gaskets (10 Installed and 6 in the Box)

5 Sets x Stabilizers

## Cable

1x Type-C to Type-C Cable

1x Type-A to Type-C Adapter

1x Extension Adapter For Receiver

## Receiver

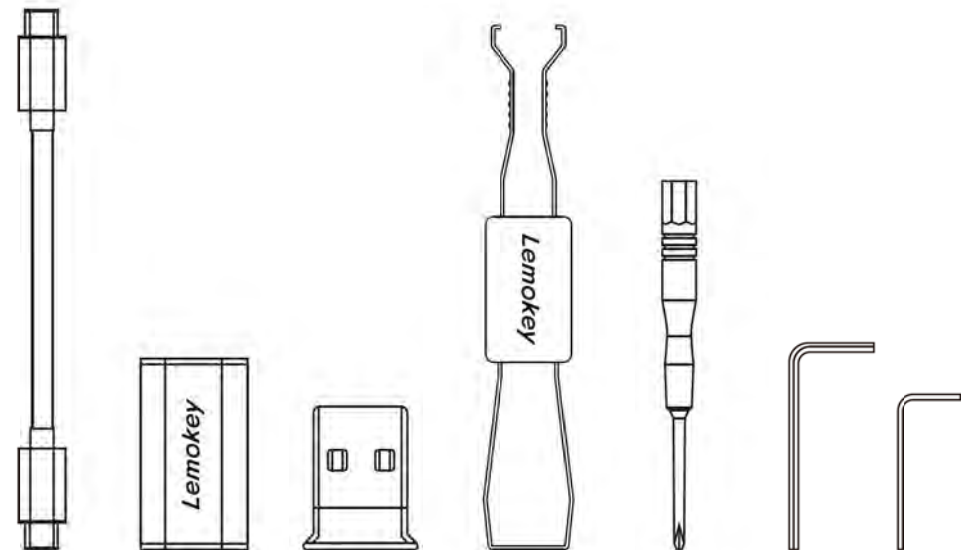
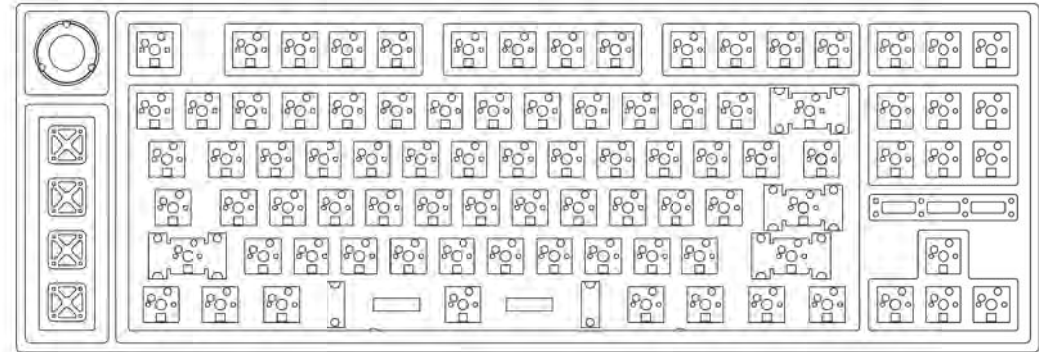
1x Type-A 2.4GHz Receiver

## Tools

1x Keycap-Switch Puller

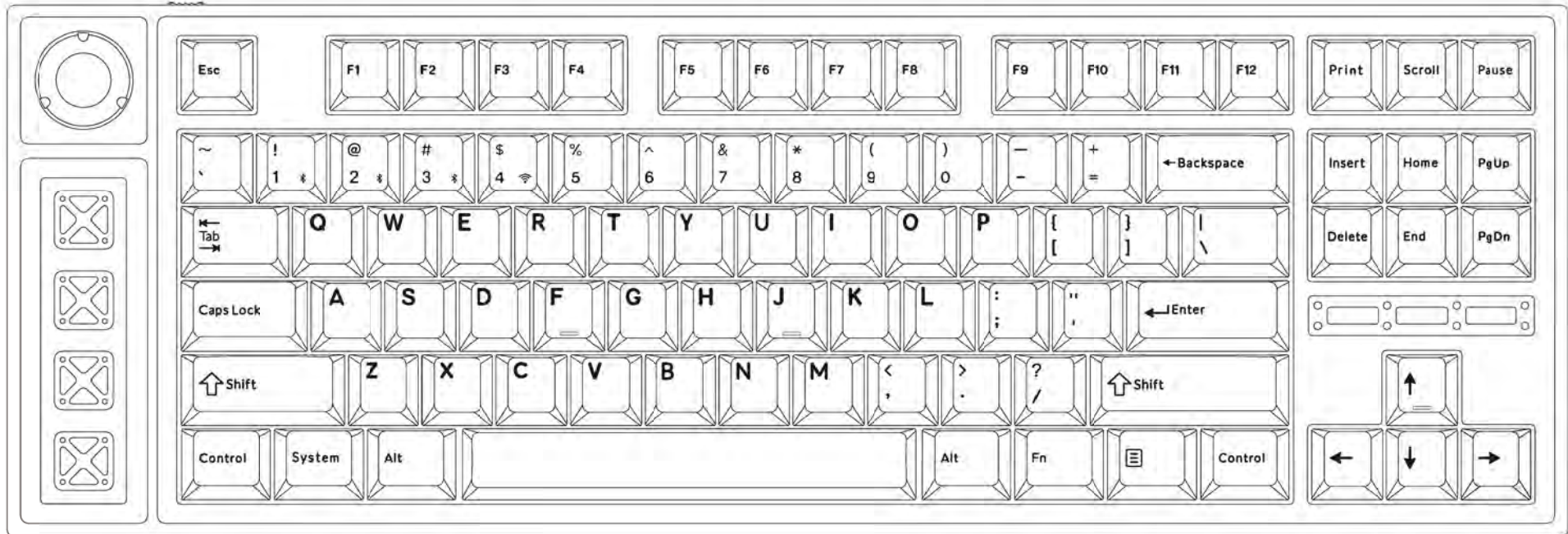
1x Screwdriver

2x Hex Key



# Quick Start Guide

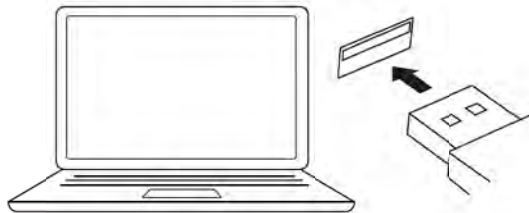
The default system of this product is Windows.



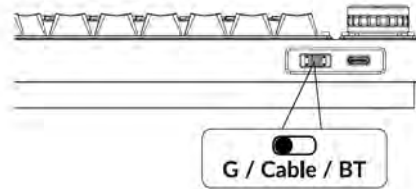


# 1 Connect 2.4GHz Receiver

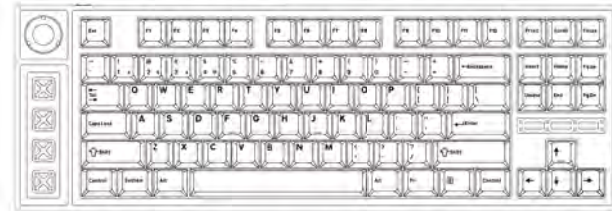
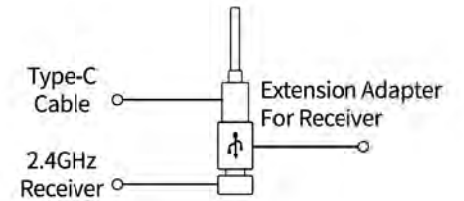
Connect the 2.4GHz receiver to the device USB port.



Switch toggle to 2.4GHz mode



G = 2.4GHz

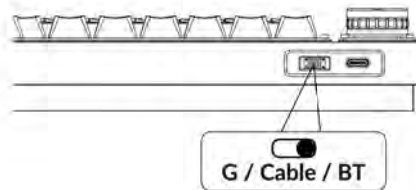


Note: For the best wireless experience, we recommend using the extension adapter for receiver and putting the 2.4GHz receiver somewhere on your desk close to your keyboard for a low rate of latency and fewer signal interferences.

# 2 Connect Bluetooth



Switch toggle to Bluetooth

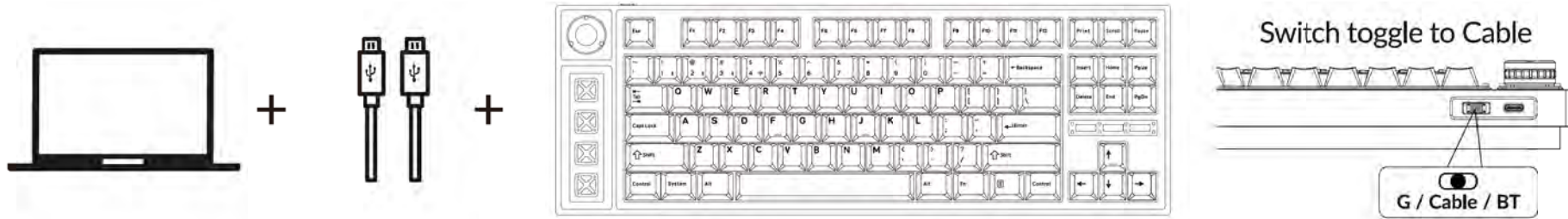


Press Fn + 1 (for 4 seconds) and pair with device named Lemokey L3.



Fn + 1

### 3 Connect Cable



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### 4 The VIA Key Remapping Software

Please visit [usevia.app](https://usevia.app) to use the online VIA software to remap the keys.  
If the VIA cannot recognize your keyboard, please reach our support to get the instruction.



- \* The online VIA software can only run on the latest version of Chrome, Edge, and Opera browsers yet.
- \* VIA only works when the keyboard is connected by wire to the computer.

## 5 Switch to Mac

Please find the Mac keycaps in the box, and follow the instructions below to find and replace the following keycaps.



+



## 6 The Backlight

Press Fn + Q to change the lighting effect



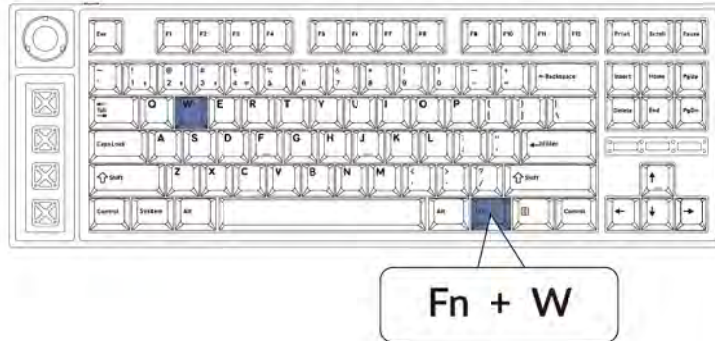
Press Fn + Tab to turn the backlight on/off





## 7 Adjust The Backlight Brightness

Press Fn + W to increase the backlight brightness



Press Fn + S to decrease the backlight brightness



## 8 Activate Cortana



For Cortana on Windows: Select Start > Settings > Cortana and select the shortcut by pressing Windows key + C key.

\*Windows Cortana is only available for Windows 10 and above OS. Cortana is only available in certain countries / regions and might not work everywhere.



## 9 The Key Rollover

Press Fn + N to switch N-key rollover / 6-key rollover



6-key rollover: the keyboard can detect up to 6 simultaneous key inputs.  
N-key rollover: the keyboard can detect all key inputs without limit to the number of key presses.

\* The keyboard turns on the 6-key rollover by default.

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## 10 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.

**WARRANTY**

## 11 Watch The Building Tutorial On Our Website

If you are building the keyboard for the first time, we highly recommend you watch the building tutorial video on our website first, then start building the keyboard yourself.



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## 12 Factory Reset



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

1. Download the right firmware and QMK Toolbox from our website.
  2. Unplug the power cable and switch the keyboard to Cable mode.
  3. Remove the space bar keycap to find the reset button on the PCB.
  4. Hold the reset key first, then plug the power cable into the keyboard. Release the reset key after 2 seconds, and the keyboard will now enter DFU mode.
  5. Flash the firmware with the QMK Toolbox.
  6. Factory reset the keyboard again by pressing  $\text{Fn} + \text{J} + \text{Z}$  (for 4 seconds).
- \* Step by step guide can be found on our website.

## **L3 WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS**

Number of keys: 91

Switch type: Mechanical

Battery: 4000mAh

Bluetooth working time (RGB): Up to 100 hours (Lowest brightness)

Charging time: Around 5 hours

Charging port: USB Type-C

Mode: 2.4GHz / Bluetooth / Wired

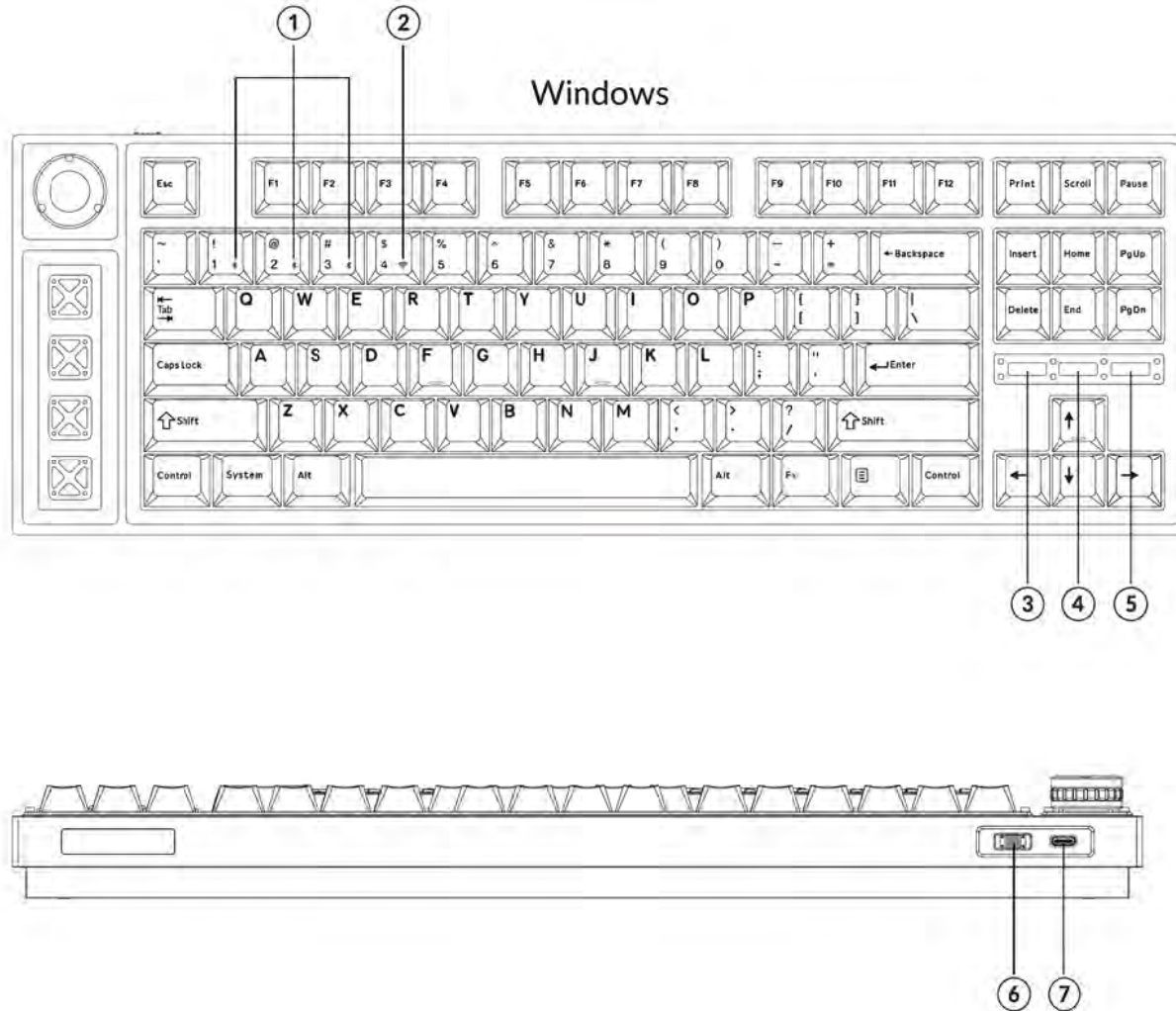
2.4GHz / Bluetooth operating distance: Within 10 meters (open space)

Name of Bluetooth device: Lemokey L3

Operating environment: -10 to 50°C

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

# L3 WIRELESS MECHANICAL KEYBOARD OVERVIEW

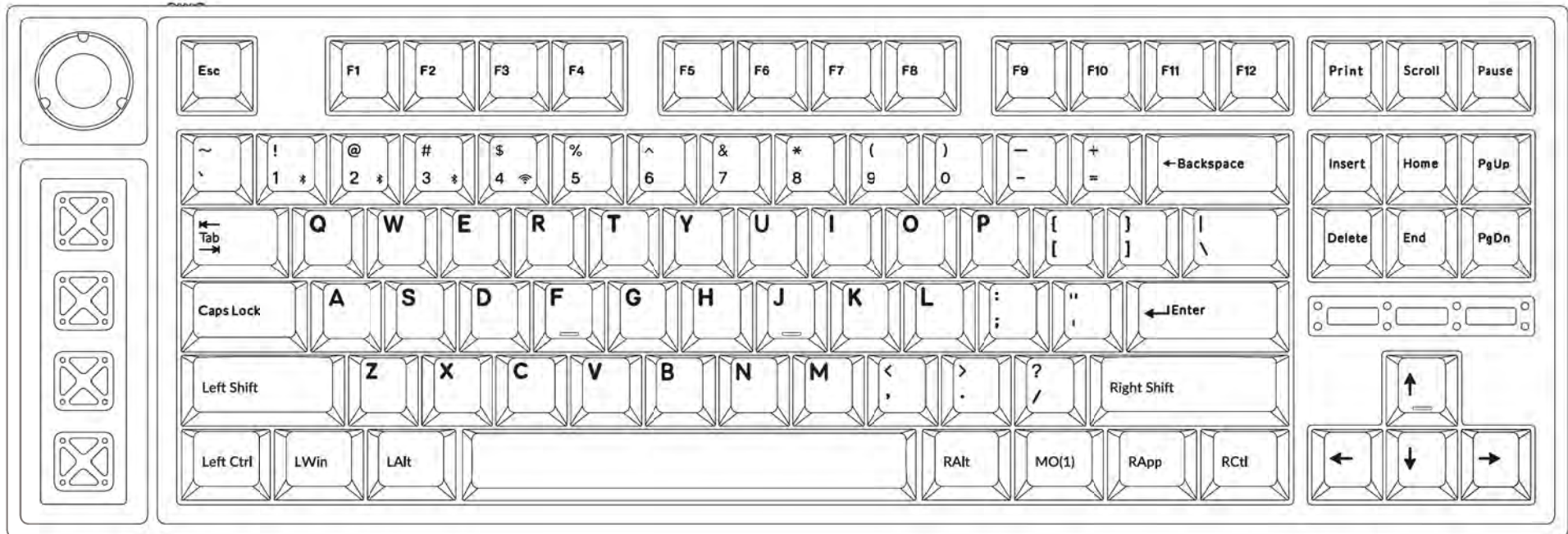


- ① Bluetooth Channel Indicator
- ② 2.4GHz Channel Indicator
- ③ Charging Indicator
- ④ Bluetooth / 2.4GHz Indicator
- ⑤ Caps Lock Indicator
- ⑥ G Cable BT  
(Mode Toggle Switch)
- ⑦ Type-C Charging Port



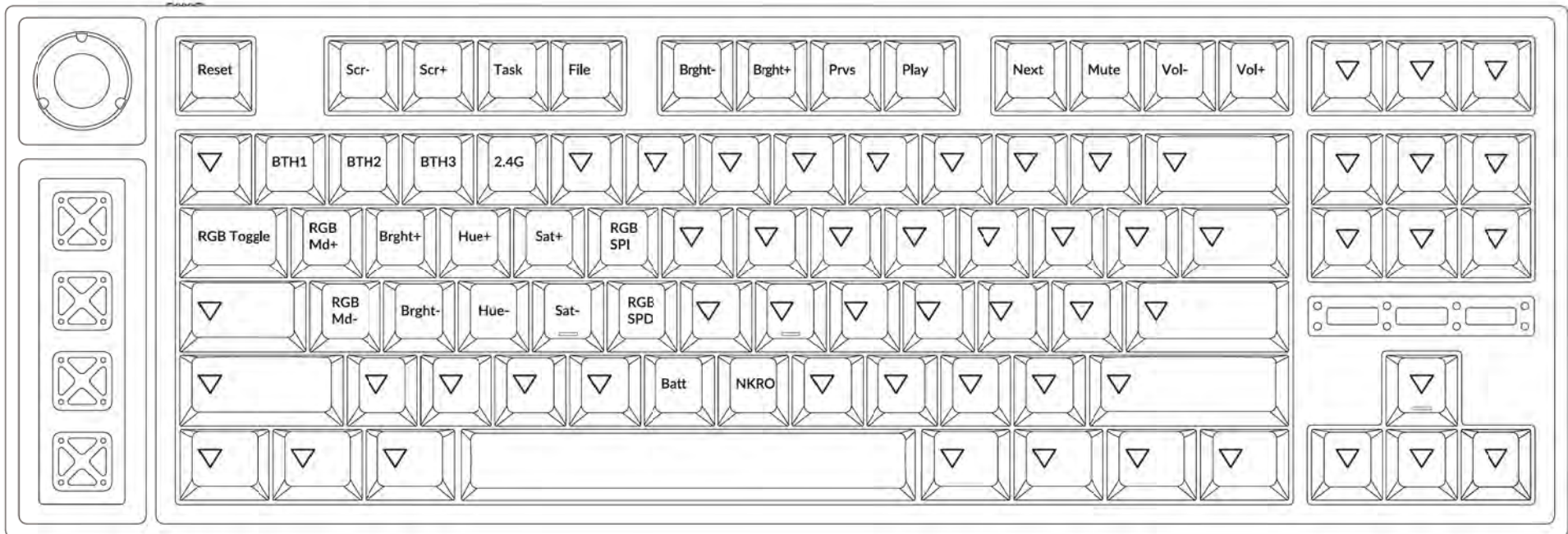
# DEFAULT KEY LAYOUT:

LAYER 0: This is the default layer.

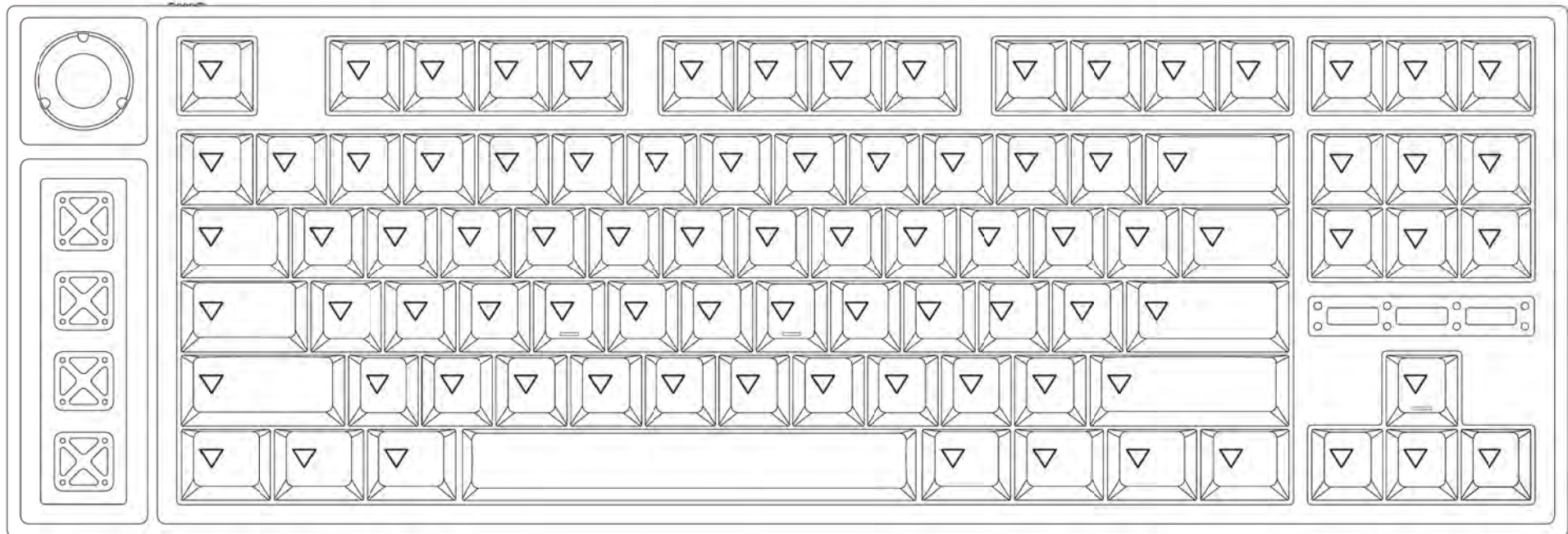


LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RApp = Right App RCtrl = Right Ctrl

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



LAYER 2 / LAYER 3: This is a blank layer.



# KEY DESCRIPTION

	Key Description
Scr-	Screen Brightness Decrease
Scr+	Screen Brightness Increase
Bright-	Backlight Decrease
Bright+	Backlight Increase
Prvs	Previous
Play	Play/Pause
Next	Next
Mute	Mute
Vol-	Volume Decrease
Vol+	Volume Increase
RGB Toggle	Turn Backlight on/off
RGBMd+	RGB Mode Next

	Key Description
RGBMd-	RGB Mode Previous
Hue+	Hue Increase
Hue-	Hue Decrease
RGB SPI	RGB Speed Increase
RGB SPD	RGB Speed Decrease
MO(1)	Layer 1 will be activated when holding this key
MO(2)	Layer 2 will be activated when holding this key
MO(3)	Layer 3 will be activated when holding this key
MO(4)	Layer 4 will be activated when holding this key
BTH1	Bluetooth Host 1
BTH2	Bluetooth Host 2
BTH3	Bluetooth Host 3

	Key Description
2.4G	2.4GHz Host
Reset	Reset the keyboard
Batt	Battery life
NKRO	N-key rollover



## LED STATUS OVERVIEW

LED Location	Function	Status
Battery Indicator	Charging	Charging - Static Red Fully charged - Static Green
Bluetooth / 2.4GHz Indicator	Bluetooth / 2.4GHz	Pairing - Slow Blinking Paired - Light Off Switching - Fast Blinking
Caps Lock Indicator	Caps Lock	Enable Caps Lock - Static Blue Disable Caps Lock - Light Off

### FUNCTION DESCRIPTION: CHARGING

Plug the cable into a USB port and plug the other end into the keyboard port. Charging Indicator: A red light will stay on while charging; Fully charged in around 5 hours, a green battery indicator will appear.

\*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 L3 can be charged in Bluetooth/on/off 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 SWITCH)**

### **2.4GHZ MODE**

1. Connect the 2.4GHz receiver to your device's USB / Type-C Port.
2. Switch the toggle switch to the 2.4GHz option. The keyboard will automatically connect to your device.

\* Press the key combination "Fn" + "4" to enter the forced pairing mode. During this period, it is recommended that the mouse be within 20cm of the receiver.

### **BLUETOOTH MODE**

1. Switch the toggle switch to the Bluetooth option.
2. Backlighting will be turned on.
3. Hold "Fn+1" key for 4 seconds to activate Bluetooth pairing (the Bluetooth indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device "Lemokey L3" 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" + "1" / "Fn" + "2" / "Fn" + "3".*

*\*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" + "1" / "Fn" + "2" / "Fn" + "3" to switch to other device.

## **RECONNECT:**

1. Switch the keyboard to the Bluetooth 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 switch to the Cable option (it only works when a USB 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 Cable option and unplug the power cable.

## **BACKLIGHT SETTING**

- Short press key combination “Fn” + “Tab” to turn the backlight on/off.
- Short press key combination “Fn” + “Q” / “Fn” + “A” to switch between different types of lighting effects.



## **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.



### **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.

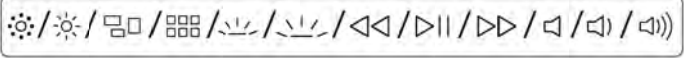
### **Third-party input tools are not compatible with the keyboard.**

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 or multimedia keys do not work.**

Functions of certain multimedia keys may be disabled due to compatibility, versions, brands, and drivers of devices.

\*Function keys: 

Multimedia keys: 

### **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(5°F) or above 50°C(131°F) to preserve the lifespan of the keyboard.





Find us at:

<https://www.lemokey.com>

[Support@lemokey.com](mailto:Support@lemokey.com)

 @lemokey

 @lemokey.keyboard

 @lemokey\_com

Designed by Lemokey

Made in China



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

#### Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.





**L3 无线机械键盘**

旋钮版本

# 完全组装版本

## 键盘

1x 已组装成品键盘

## 包含

1x 铝合金金属外壳

1x PCB

1x PC定位板

1x 底部吸音泡棉

1x PCB与定位板夹心吸音泡棉

16x Gaskets缓冲垫 (10个缓冲垫已安装在键盘本体、6个放置在包装内部)

5套PCB卫星轴

1套键帽 (PBT材质-双色注塑)

1套机械轴体

## 线材

1x Type-C to Type-C 接口线材

1x Type-A to Type-C 转接头

1x 接收器延长器

## 接收器

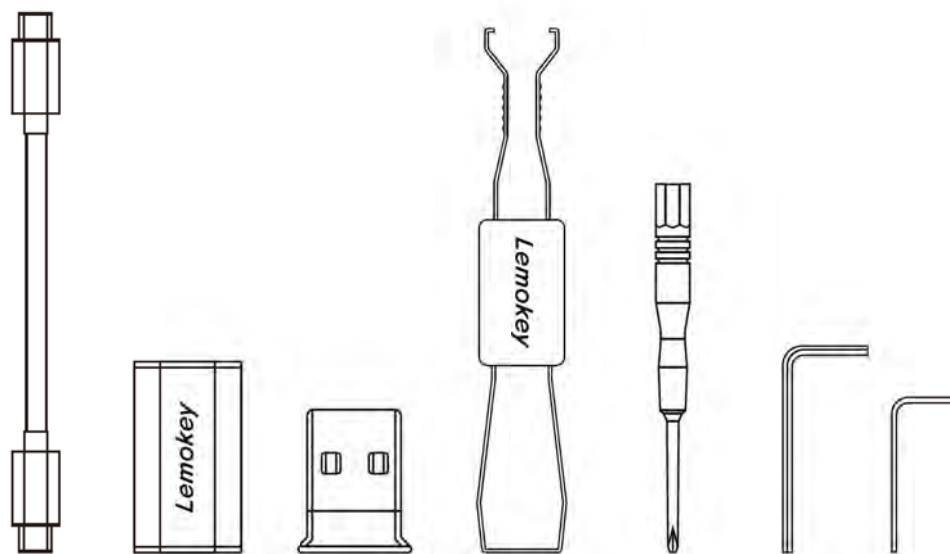
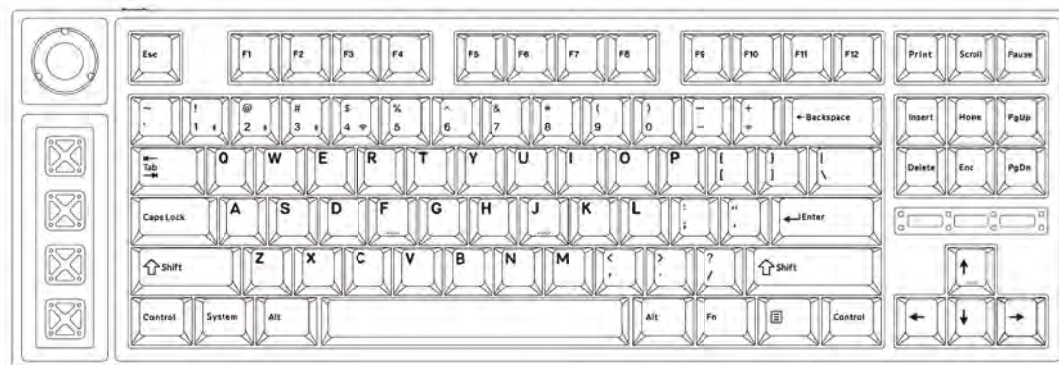
1x Type-A 2.4GHz 接收器

## 工具

1x 拔轴键器

1x 十字螺丝刀

2x 内六角螺丝刀



# 套件版本

## 键盘

1x 键盘本体 (不包含键帽、轴体)

## 包含

1x 铝合金金属外壳

1x PCB

1x PC定位板

1x 底部吸音泡棉

1x PCB与定位板夹心吸音泡棉

16x Gaskets缓冲垫 (10个缓冲垫已安装在键盘本体、6个放置在包装内部)

5套PCB卫星轴

## 线材

1x Type-C to Type-C 接口线材

1x Type-A to Type-C 转接头

1x 接收器延长器

## 接收器

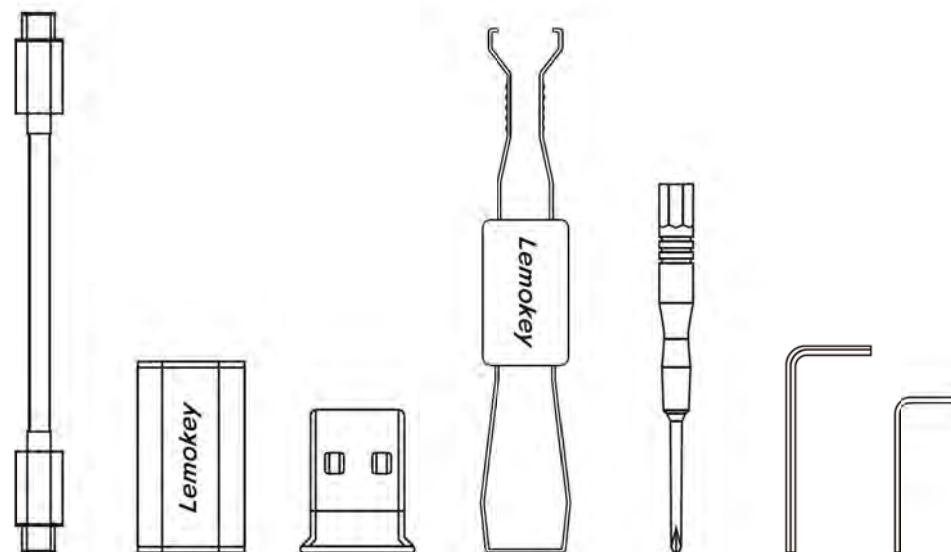
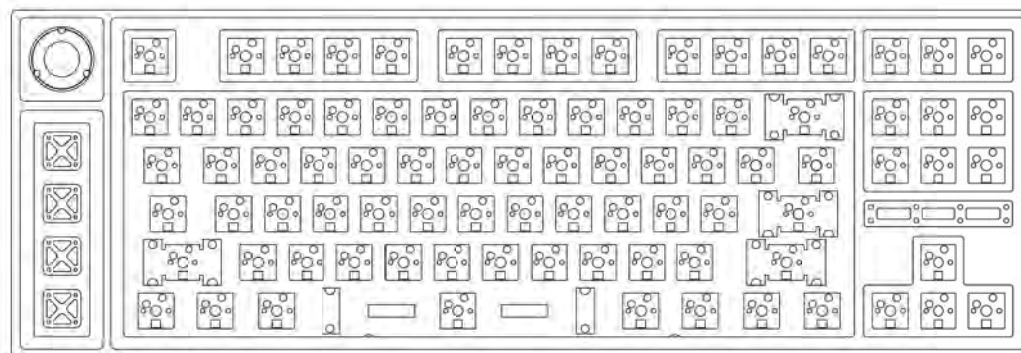
1x Type-A 2.4GHz 接收器

## 工具

1x 拔轴键器

1x 十字螺丝刀

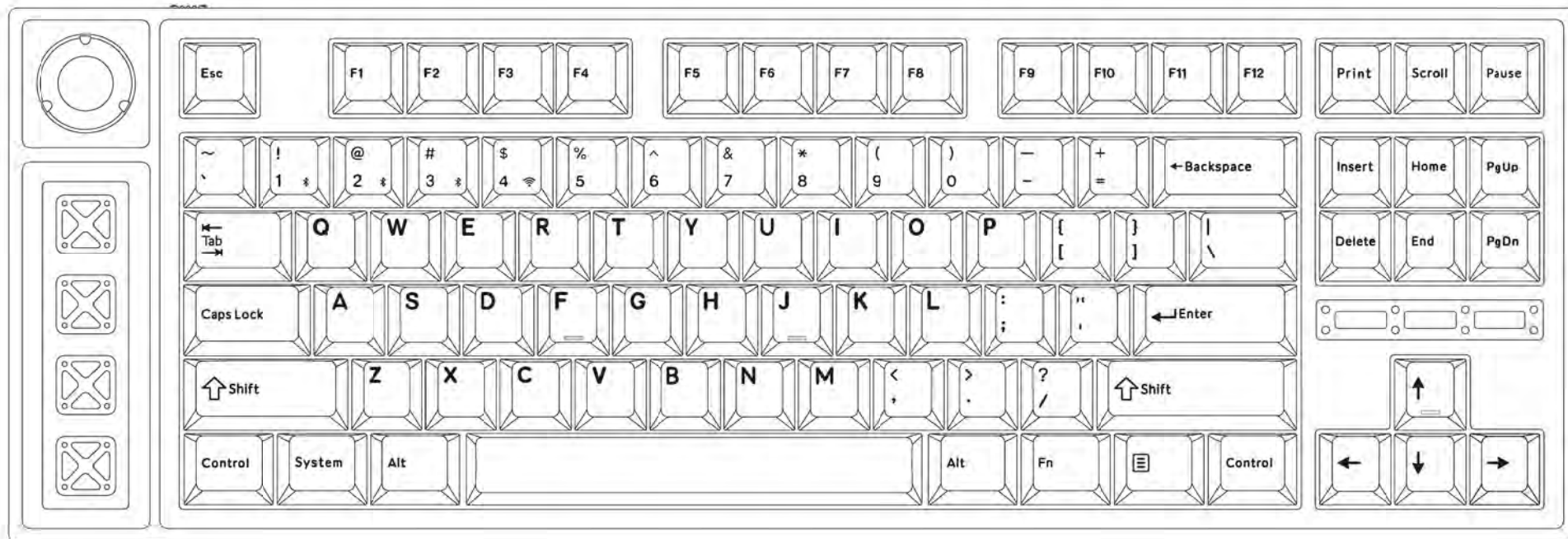
2x 内六角螺丝刀





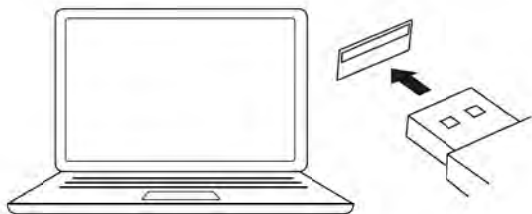
# 快速上手指南

本产品默认系统为Windows系统。

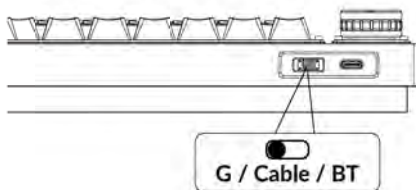


## 1 连接2.4GHz接收器

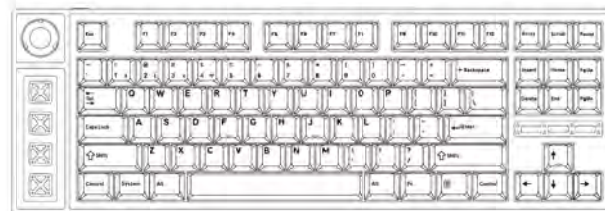
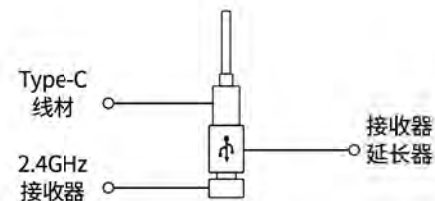
将2.4GHz接收器连接到设备USB端口。



把开关拨到2.4GHz模式



G = 2.4GHz

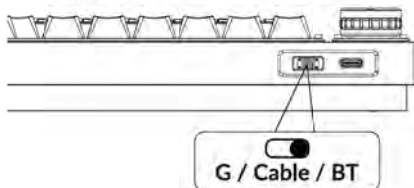


注意:为了获得最佳的无线体验,我们建议将2.4GHz接收器插入线材+赠送的接收器延长器,放置在书桌上靠近你的键盘,以降低延迟率和更少的干扰信号。

## 2 连接蓝牙



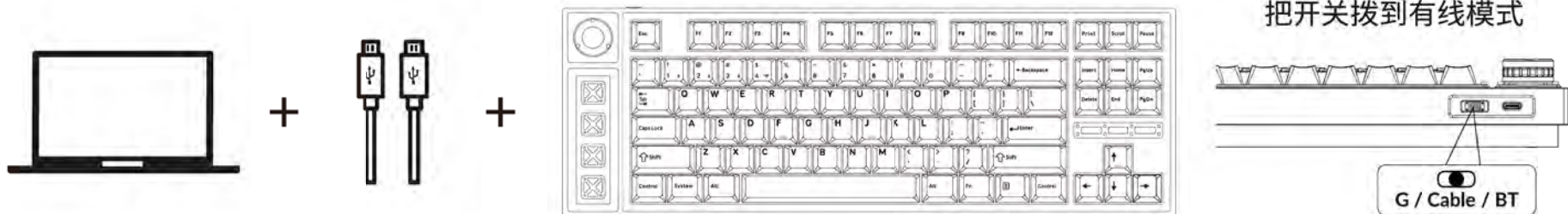
把开关拨到蓝牙模式



长按Fn+1四秒使键盘进入配对模式, 键盘的配对名为: Lemokey L3。



### 3 连接有线



### 4 关于VIA映射软件

可以访问 [usevia.app](https://usevia.app) 使用在线VIA软件，  
VIA是可以映射按键的软件。  
如果VIA软件不能识别你的键盘，  
请联系我们以获得技术支持。



- \* 在线VIA只能在最新版本的Chrome, Edge和Opera浏览器中运行。
- \* VIA仅在键盘通过线连接到计算机时有效。



## 5 切换Mac系统

请在包装盒里找到Mac键帽，  
用拔键器拔下键盘上的对应键帽并且更换。



使用在线VIA软件，  
将您的Windows按键映射为Mac按键。

+

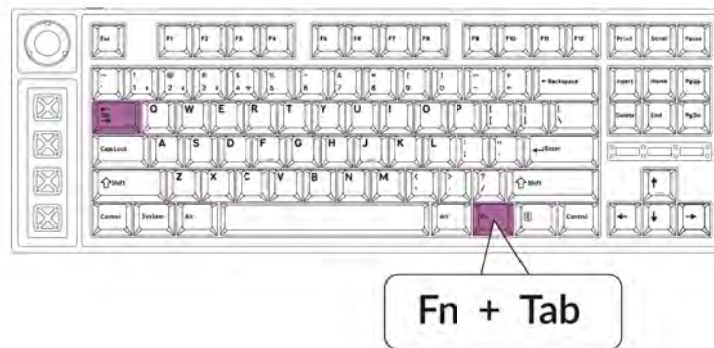


## 6 更改键盘背光模式以及快速关闭/开启键盘背光

组合Fn+Q键, 更改键盘背光模式。

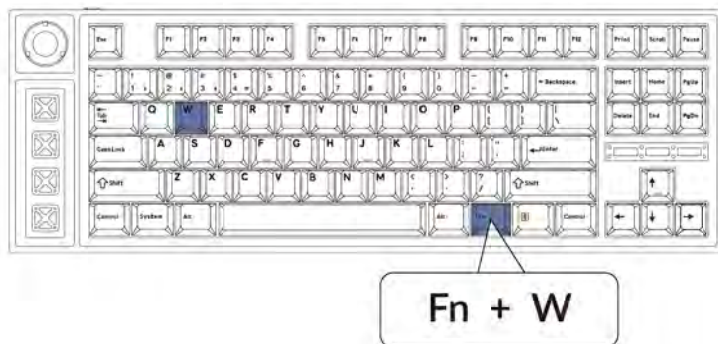


组合Fn+Tab键, 可快速关闭/开启键盘背光。

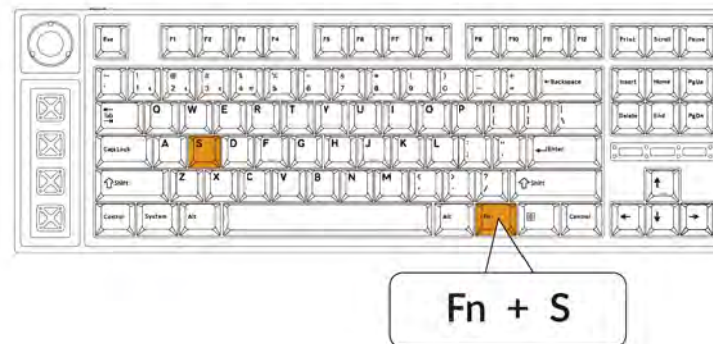


## 7 调整键盘背光亮度

组合Fn+W键, 提高键盘背光亮度。



组合Fn+S键, 减少键盘背光亮度。



## 8 设置 Cortana



Windows: 选择 开始>>设置>>Cortana, 选择 Windows 键加C键的快捷键组合。

\*Cortana 功能只适用于 Windows 10 和更新的系统; 另外因为地区的不同, 功能也会不同。

## 9 切换按键无冲

组合Fn+N键,可快速切换全键无冲/六键无冲



六键无冲:键盘支持最多同时输入键位为六个

全键无冲:键盘支持同时输入键位数量无限制

\* 键盘默认为六键无冲

## 10 保修

由于L3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。



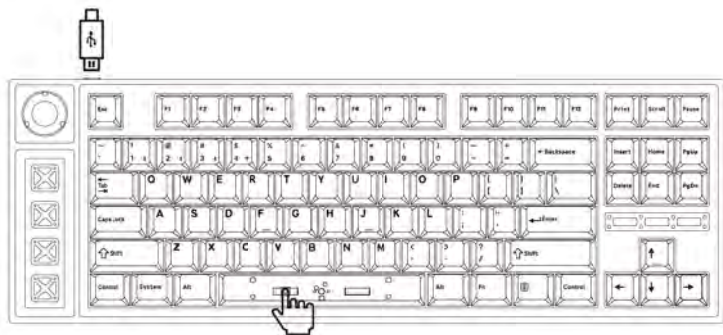


## 11 键盘组装教程

如果您没有安装过类似产品的经验，我们建议您观看我们网站上的键盘组装教程视频，然后再开始进行键盘组装。



## 12 恢复出厂模式

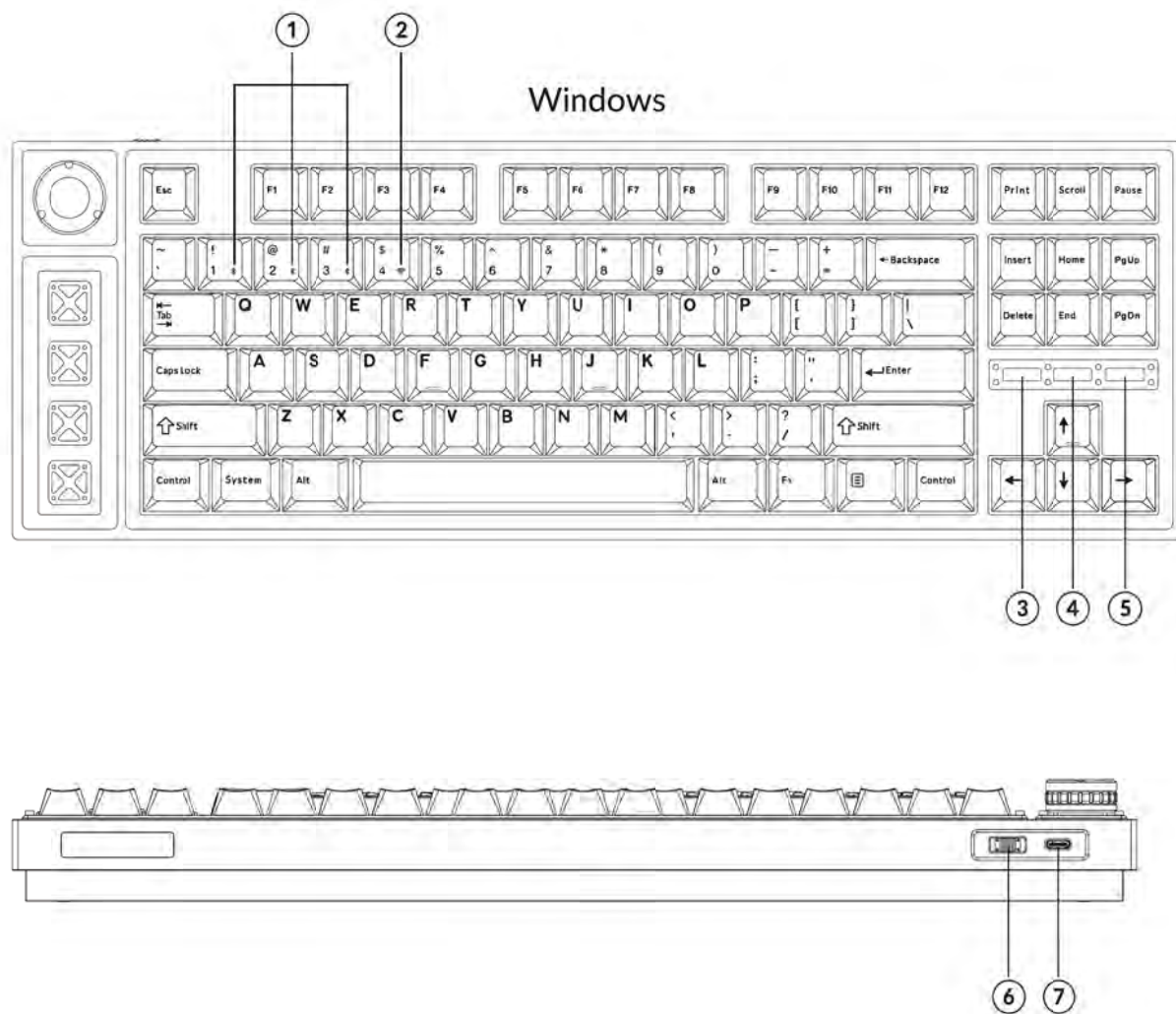


如果键盘出现了故障，不知道怎么办？

1. 从我们的网站为您的键盘下载正确的固件和QMK Toolbox；
2. 拔掉数据线，并将键盘拨动到Cable模式。
3. 拔掉空格键键帽，然后找到位于PCB上面的复位按钮；
4. 首先长按住复位键，然后将数据线插入插入键盘。  
2秒后放开这个复位键，此时键盘会进入DFU模式；
5. 然后您可以使用QMK工具箱进行刷新固件的操作；
6. 再次将键盘恢复出厂设置长按Fn+J+Z(等待4秒)。

\* 步骤指南可以在我们的网站上找到。

## L3 键盘概述



- ① 蓝牙通道指示灯
- ② 2.4GHz通道指示灯
- ③ 充电指示灯
- ④ 蓝牙 / 2.4GHz指示灯
- ⑤ 大小写状态指示灯
- ⑥ G Cable BT  
(连接模式切换)
- ⑦ Type-C 充电口

## L3 键盘规格

按键: 91键

轴: 机械轴

电池: 4000mAh

电池续航: 100小时(无线模式下开启最低背光亮度)

充电时间: 5小时

充电端口: USB Type-C

模式: 2.4GHz / 蓝牙 / 有线

2.4GHz / 蓝牙工作距离: 最长10米(开放空间)

蓝牙设备名称: Lemokey L3

## 功能说明

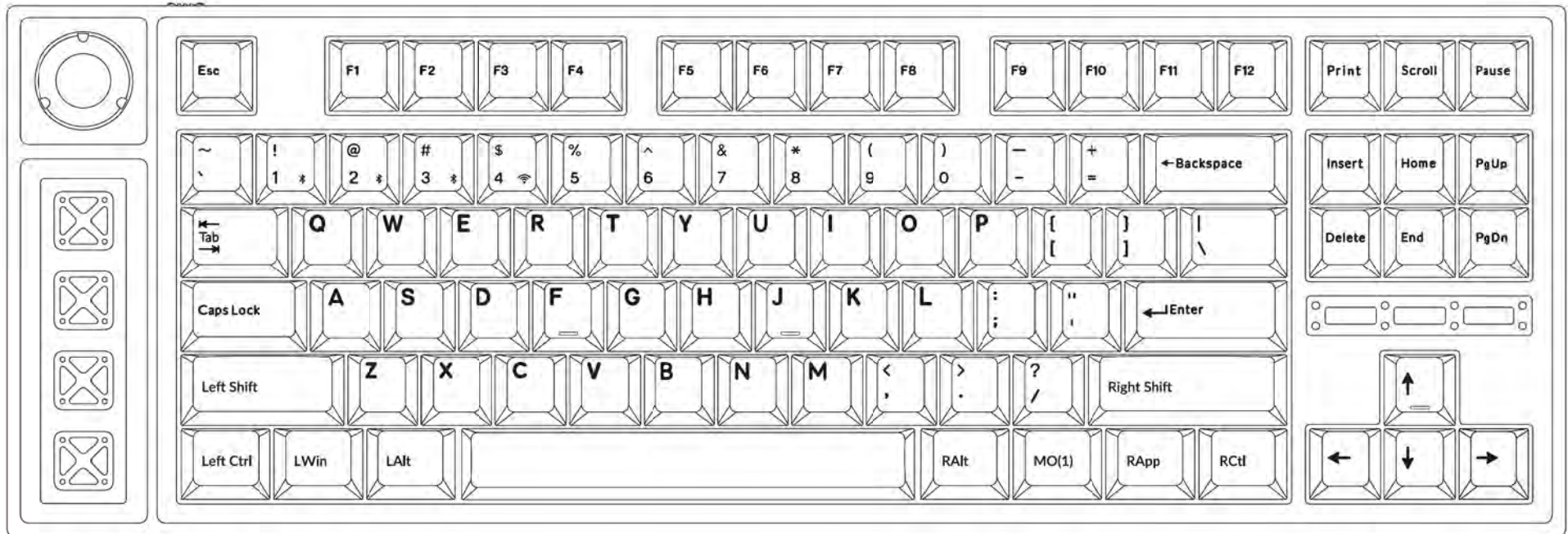
LED状态显示如下:

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	蓝灯—大写 熄灭—小写



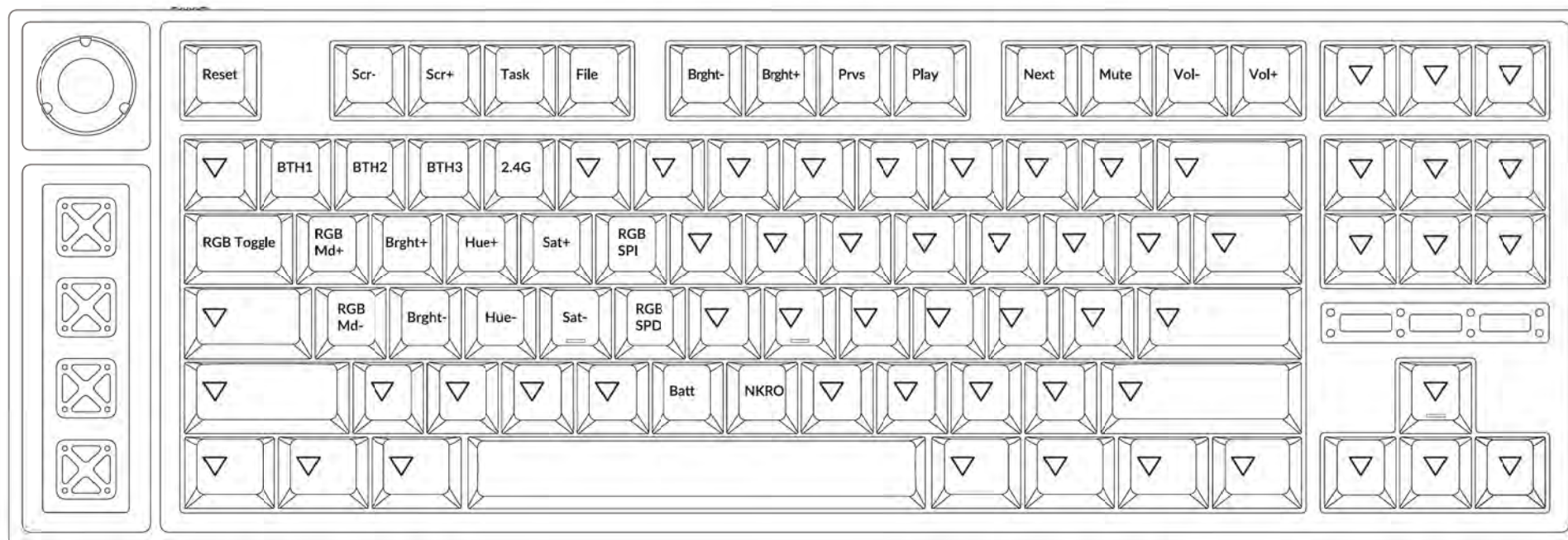
# 按键布局

层0: 这是默认图层。

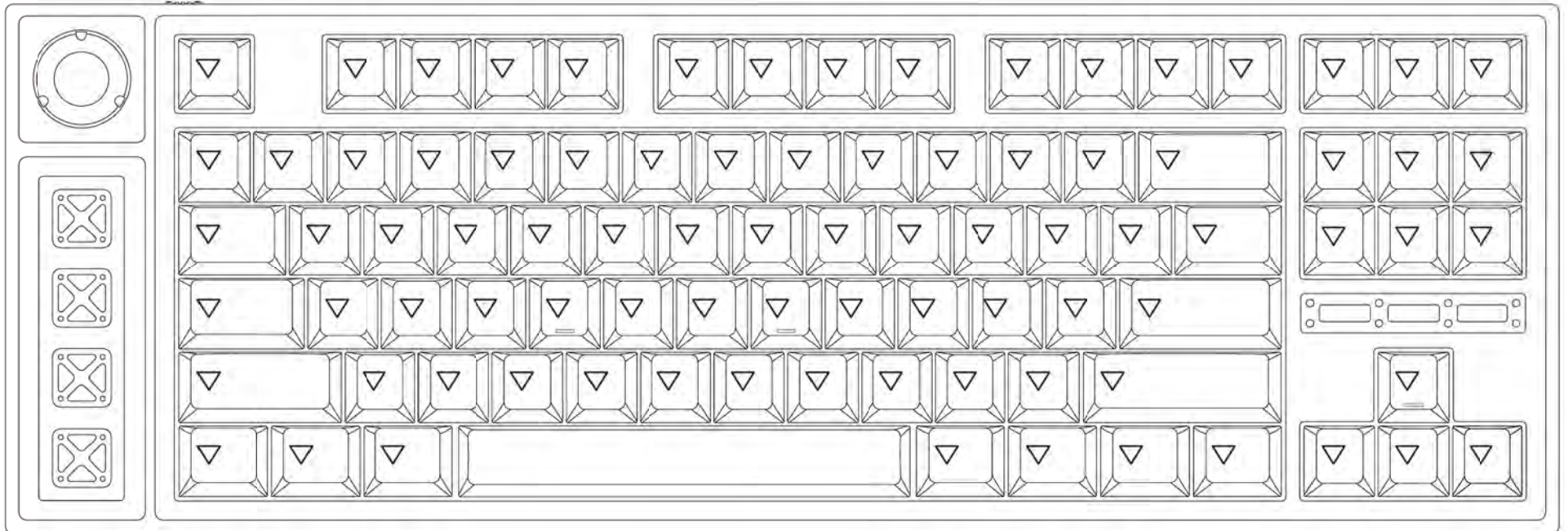


LWin = Left Windows LAlt = Left Alt RAlt = Right Alt RApp = Right App RCtl = Right Ctrl

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。





## L3 键盘多媒体按键说明

按键说明		按键说明		按键说明	
Scr-	屏幕亮度-	RGBMD-	上一个RGB灯光模式	2.4G	2.4GHz连接设备
Scr+	屏幕亮度+	Hue+	下一个灯光颜色	Reset	重置键盘
Bright-	键盘背光亮度-	Hue-	上一个灯光颜色	Batt	电池电量
Bright+	键盘背光亮度+	RGB SPI	RGB灯光速度+	NKRO	全键无冲
Prvs	上一曲	RGB SPD	RGB灯光速度-		
Play	播放/暂停	MO(1)	按住MO(1),层1将被激活		
Next	下一曲	MO(2)	按住MO(2),层2将被激活		
Mute	静音	MO(3)	按住MO(3),层3将被激活		
Vol-	音量-	MO(4)	按住MO(4),层4将被激活		
Vol+	音量+	BTH1	蓝牙连接设备 1		
RGB Toggle	关闭/开启键盘背光	BTH2	蓝牙连接设备 2		
RGBMD+	下一个RGB灯光模式	BTH3	蓝牙连接设备 3		

## 充电

将电线插入USB端口，将另一端口插入键盘的端口。

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 L3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USB3.0端口或5V-1A电源适配器。

\*Lemokey L3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+Tab”可关闭/开启键盘背光。

- 短按组合键“Fn+Q” / “Fn+A”可切换背光效果。

## 2.4GHz / 蓝牙 / 有线模式

### 2.4GHz模式

1. 将键盘2.4GHz接收器连接至设备端口的USB接口

2. 将键盘“模式切换”拨动到“G”位置(2.4GHz模式)，键盘将自动连接到您的设备。

\* 长按“Fn+4”组合键4秒可以对键盘进行强制配对。配对过程中建议键盘和接收器的距离不超过20cm。

### 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+1”键4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 L3”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+1” / “Fn+2” / “Fn+3”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+1” / “Fn+2” / “Fn+3” 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Bluetooth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 Cable 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Cable，拔掉电源线，此时键盘关闭所有模式。

## 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)。








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