



## **BM22 Wireless Mouse User Manual**





## **IN THE BOX:**

Mouse x 1

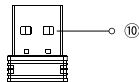
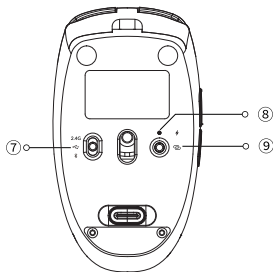
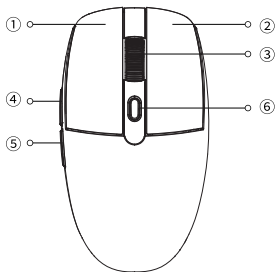
Type - A to Type - C Cable x 1

Type - A Receiver x1

User Manual x 1

Type - A to Type - C Adapter x 1





① Left button

② Right button

③ Middle wheel button

④ Forward button

⑤ Backward button

⑥ DPI button

⑦ Modes toggle

⑧ Mouse indicator

⑨ Pair button

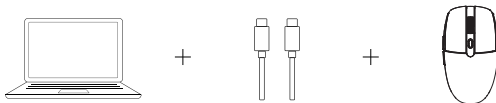
⑩ 2.4GHz Type - A receiver



### 3 Modes of connection

#### Wired Mode:

1. When the mode switch is in "☛" position, the mouse won't respond if the cable is not connected.
  2. Connect the cable to the TYPE-C port of the mouse and the USB port on the device. The mouse is ready to use while the backlit lights up.
- \* When connected by cable, the mode will default to wired mode even if the toggle is in Bluetooth mode or 2.4GHz mode.



#### 2.4GHz Mode:

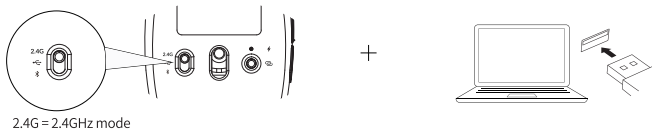
1. Switch to "2.4G" mode (2.4GHz mode), and the mouse will automatically turn on 2.4GHz pairing. The mouse indicator will slowly flash green.
2. Find the 2.4GHz receiver and connect it to the device's USB. Once successfully connected, the mouse indicator will turn green and stay on for 3 seconds, then dims off.



3. In 2.4GHz pairing mode, the mouse indicator will slowly blink green for 3 minutes. If the mouse is not connected within 3 minutes, the mouse indicator will turn off. If you need to reconnect, hold the "Pair button" for 3 seconds to re-enter pairing mode.

\* If you need to repair the connection in 2.4GHz mode, please unplug the 2.4GHz receiver first. Then, hold the "Pair button" for 3 seconds, wait for the green light indicator to start flashing, and plug the 2.4GHz receiver back into complete the pairing process.

Note: It is recommended that when pairing the mouse in 2.4GHz mode, the mouse should be within 20cm of the receiver.



Simultaneously hold for 3 seconds  
(to enter the forced pairing mode)



## Bluetooth mode

1. Switch to "⌘" Mode (Bluetooth), and the mouse will automatically turn on Bluetooth pairing mode. The mouse indicator will slowly flash blue.
2. Open the Bluetooth settings, search for a device named "Keychron BM22", then click "connect" to complete pairing.
3. When in Bluetooth pairing mode, the mouse indicator will slowly blink in blue for 3 minutes. If it's not connected within 3 minutes, the mouse indicator will turn off. If you need to reconnect, you need to hold the "Pair button" for 3 seconds to re-enter pairing mode. The mode indicator will slowly blink blue.
4. If the mouse is in Bluetooth mode and needs to pair with a new device, hold the "Pair button" for 3 seconds and wait for the blue light to flash on. At this point, Bluetooth has re-entered pairing mode, and you can connect the new device to the mouse.

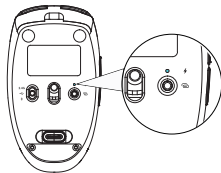


Simultaneously hold for 3 seconds  
(to re-enter pairing mode)



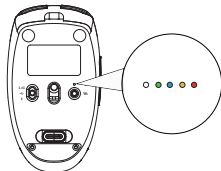
## Status indicator

2.4GHz Mode	<ul style="list-style-type: none"><li>*The mouse indicator slowly blinks green - Ready to be paired.</li><li>*The mouse indicator quickly blinks green - Pairing with the previous device.</li></ul>
Bluetooth Mode	<ul style="list-style-type: none"><li>*The mouse indicator slowly blinks blue - Ready to be paired.</li><li>*The mouse indicator quickly blinks blue - Pairing with the previous device.</li></ul>
Low power	The mouse indicator will slowly blink red.



## DPI indicator

White light	400 DPI	Yellow light	1600 DPI (default)
Green light	800 DPI	Red light	2400 DPI
Blue light	1200 DPI		





## Report Rate indicator

Report rate indicator	Report rate / Hz	Available modes
White	125	2.4G / BT / Wired
Green	500	2.4G / Wired
Blue	1000	2.4G / Wired(default)

\* There is no report rate indicator on the physical BM22 mouse. If you want to modify the report rate of your BM22 mouse, you can configure it via mouse drive.



## Auto-Sleep mode

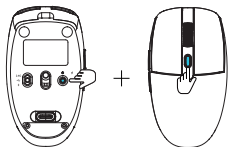
Auto-Sleep mode will not be activated when in wired mode. When in 2.4GHz mode or Bluetooth mode, the mouse will go to Auto-Sleep mode after 10 minutes of sitting idle to save the battery. Move or click the mouse to wake it up.

## Driver Software

The Keychron BM22 mouse driver can be selected on [launcher.keychron.com](https://launcher.keychron.com). If the driver software can't connect to the mouse, please contact us for technical support.

## How to factory reset

Hold down both the "Pair button" and "DPI button" for 3 seconds, and the LED lights on the mouse will blink. It will blink three times to indicate that the factory reset is successful.



Simultaneously hold for 3 seconds  
(starts factory reset)



## Charging indicator explanation

Fully Charged	The mouse indicator will stay GREEN.
Low Power	The mouse indicator will slowly blink RED.
Charging	The mouse indicator will stay RED.

\* The mouse is compatible with all USB ports. For the best signal and charging speed, connecting to the USB 3.0 port is recommended when charging or in use.

\* If the mouse is connected by the USB Type - C cable when charging but not paired with any devices:

- The mouse indicator will stay RED when charging.
- The mouse indicator will stay GREEN when fully charged.

Note: The product supports up to 5V charging voltage and 300mA charging current. We are not responsible for any problems caused by improper recharging.



## Mouse specification

Device name	Keychron BM22	Battery capacity	300mAh
Size	111*62*39mm	Usage duration	100 Hours (Bluetooth mode)
Weight	76 ± 3g		70 Hours (1000Hz)
Sensor	SOC3212	Recharge time	2.5 Hours
Wireless distance	Approx 10m of open space	Charging port	Type - C
Mouse micro switches	Huano Micro Switch (20 million clicks life time)	Resolution	400-2400DPI
Connection mode	2.4GHz - Bluetooth - Wired	Report Rate (polling rate)	125Hz(White) - 500Hz(Green) - 1000Hz(Blue)



## **FCC STATEMENT:**

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.



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<https://www.keychron.com>

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Designed by Keychron

Made in China





## **BM22 无线鼠标使用说明**



# 内容清单

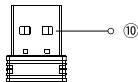
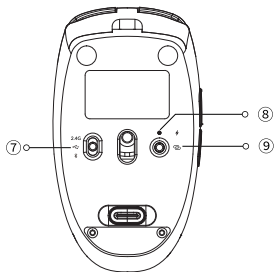
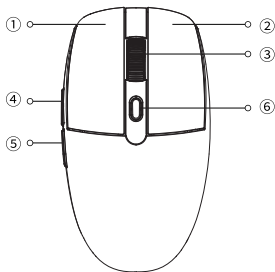
鼠标 x 1

Type - A to Type - C 线材 x 1

Type - A 接收器 x 1

说明书 x 1





① 左键

② 右键

③ 中键滚轮

④ 前进键

⑤ 后退键

⑥ DPI按钮

⑦ 模式拨片

⑧ 鼠标指示灯


⑨ 配对按钮

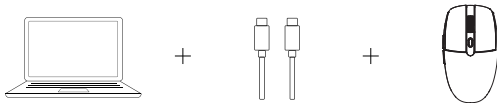
⑩ 2.4G Type - A接收器



## 三模连接方式

### 有线模式：

- 1、在  档位下，无连接USB线材，鼠标无任何反应。
  - 2、将数据线连接至鼠标Type-C接口以及设备USB接口，鼠标滚轮下指示灯亮起即可使用。
- \* 即使模式开关是在蓝牙或者2.4G的档位下，当数据线连接上设备后，鼠标将默认为有线模式使用。



### 2.4G模式：

- 1、将鼠标底部开关拨动到“2.4G”模式档位（2.4GHz模式）。鼠标自动进入2.4GHz配对模式，鼠标指示灯绿灯慢闪。
- 2、将鼠标2.4GHz接收器连接至设备端的USB，连接成功后，鼠标指示灯绿灯常亮3秒后熄灭。

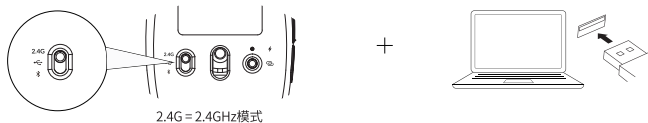


3、在2.4GHz模式下，鼠标指示灯绿灯将会慢闪并持续三分钟，如果没有在三分钟内进行连接使用，鼠标指示灯灯光熄灭。

如需重新配对，可以同时长按配对按钮3秒，重新进入匹配状态。

\* 如果需要重新进行2.4GHz模式的连接，首先请拔出2.4G接收器。然后同时长按配对按钮3秒，等待鼠标指示灯绿灯开始闪烁，之后重新插入2.4GHz接收器完成配对操作。

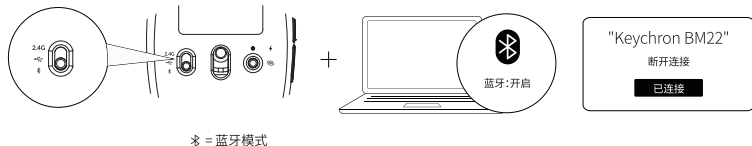
注意：进行2.4GHz模式强制配对时，建议鼠标与接收器的距离不超过20cm。





## 蓝牙模式

- 1、将鼠标底部开关拨动到“⌘”模式档位(蓝牙模式)。鼠标自动进入蓝牙配对模式,鼠标指示灯蓝灯慢闪。
- 2、此时打开设备蓝牙设置,搜索设备:Keychron BM22,点击连接即可使用。
- 3、拨动到蓝牙模式下,鼠标指示灯蓝灯将会慢闪并持续三分钟,如果没有在三分钟内进行连接使用,鼠标指示灯熄灭。  
如需重新配对,可以同时长按配对按钮3秒,即可重新进入配对模式,鼠标指示灯蓝灯持续慢闪。
- 4、如果鼠标在蓝牙模式下需要与其他新设备进行连接,可以同时长按配对按钮3秒,鼠标指示灯将会蓝灯慢闪,即可重新进入鼠标蓝牙配对状态。此时您可以让新设备与鼠标进行连接。

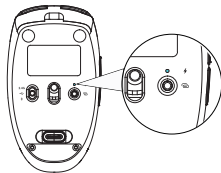


同时保持3秒  
(重新进入配对模式)



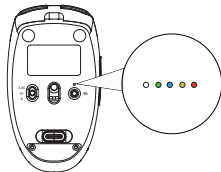
## 功能指示灯说明

2.4G模式	鼠标指示灯 (绿灯) 慢闪-配对 鼠标指示灯 (绿灯) 快闪-回连
蓝牙模式	鼠标指示灯 (蓝灯) 慢闪-配对 鼠标指示灯 (蓝灯) 快闪-回连
低电状态	鼠标指示灯 (红灯) 慢闪



## DPI 指示灯

白灯	400 DPI	黄灯	1600 DPI(默认)
绿灯	800 DPI	红灯	2400 DPI
蓝灯	1200 DPI		





## 回报率指示

回报率指示	回报率 / Hz	模式
白	125	2.4G / BT / 有线
绿	500	2.4G / 有线
蓝	1000	2.4G / 有线 (默认)

\*BM22实体鼠标上没有回报率指示灯, 如您需要调整鼠标的回报率, 可以通过鼠标驱动进行配置。



## 休眠模式

有线模式下无休眠状态, 2.4GHz模式和蓝牙模式下, 鼠标无操作10分钟后自动进入休眠状态, 移动或者点击操作即可唤醒鼠标。

## 驱动软件

可以在[launcher.keychron.com](http://launcher.keychron.com)选择Keychron BM22鼠标驱动, 如驱动软件无法连接鼠标, 请联系我们提供技术支持。

## 恢复出厂模式

同时长按配对按钮与DPI按钮3秒, 鼠标整体LED灯光闪烁, 闪烁三次代表恢复出厂设置成功。



+



同时保持5秒  
(开始恢复出厂设置)



## 充电指示灯说明

电量充满时	鼠标指示灯绿灯常亮
低电量时	鼠标指示灯红灯慢闪
充电时	鼠标指示灯红灯常量

\*鼠标与所有USB端口兼容,如需获得最佳信号以及充电速度,建议连接USB 3.0端口进行充电和使用。

\*鼠标如果无连接状态下连接USB Type-C线材充电,

充电中:鼠标指示灯红灯常亮。

充满时:鼠标指示灯绿灯常亮。

注意:本产品最高支持5V充电电压,300mA充电电流。因不当充电而导致的问题,概不负责。



## 鼠标规格

设备名称	Keychron BM22	电池容量	300mAh
尺寸	111*63*39mm	续航	100小时(蓝牙模式下) 70小时(1000Hz)
重量	78±3g		
传感器	SOC3212	充电时间	2.5小时
微动开关	环诺(2000万次)	充电端口	Type-C
使用模式	2.4G-蓝牙-有线	分辨率	400-2400DPI
无线工作距离	开放环境下约10米	回报率	125Hz(白)-500Hz(绿)-1000Hz(蓝)



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Keychron设计

中国制造

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