



P2 HE Wireless Mechanical 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

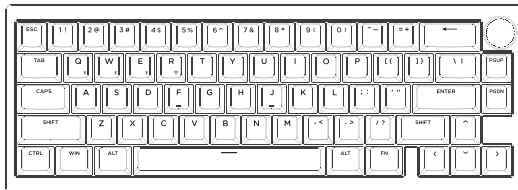
1x Bottom Case PET Film

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

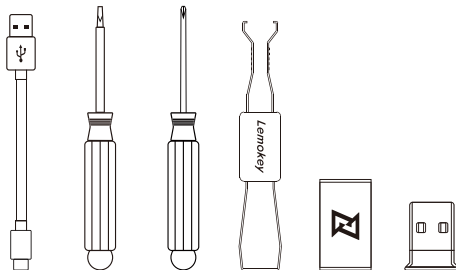
1x Extension Adapter For Receiver

Tools

1 x Keycap-Switch Puller

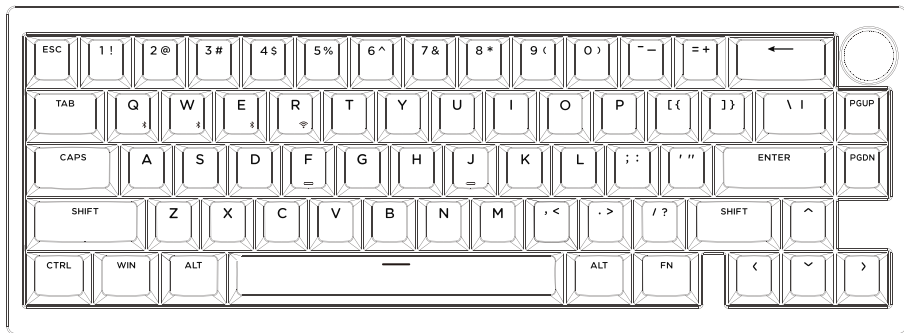
1 x Screwdriver

1 x Hex Key



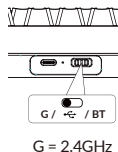
Quick Start Guide

The default system of this product is Windows.



1 Connect 2.4GHz Receiver

Switch toggle to 2.4GHz mode



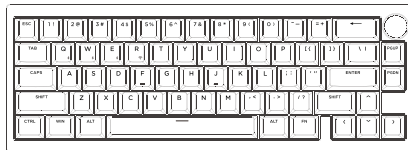
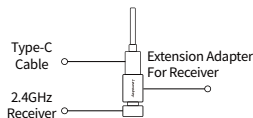
Press FN + R (for 3 seconds)



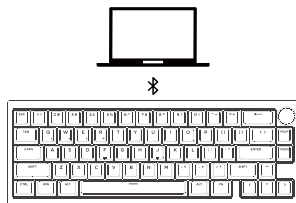
Connect the 2.4GHz receiver to the device USB port.



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

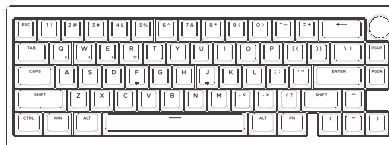


BT = Bluetooth

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



3 Connect Cable



Switch toggle to Cable



G /  / BT

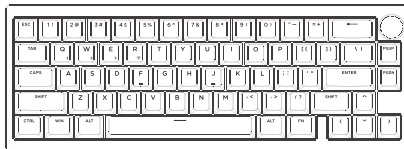
4 The Lemokey Launcher App

Please visit launcher.lemokey.com to use the online Launcher web app to remap the keys, create macro commands, or flash the firmware. If the Launcher cannot recognize your keyboard, please reach our support to get the instructions.



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

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

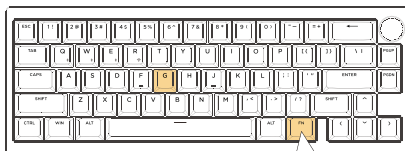


Press FN + X to decrease the backlight brightness



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.

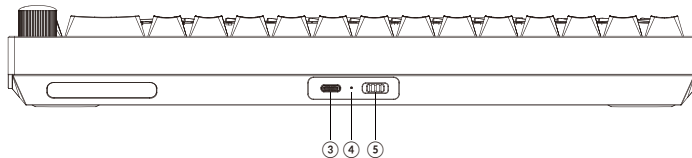
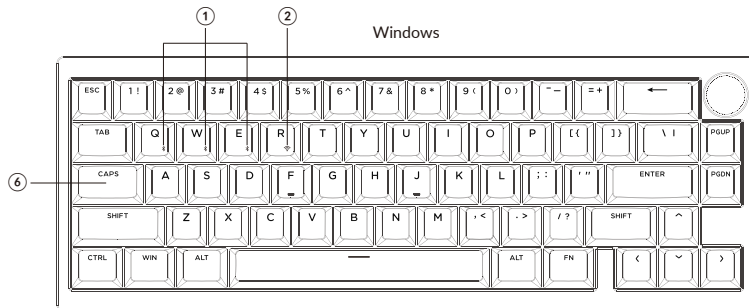
P2 HE WIRELESS MAGNETIC SWITCH KEYBOARD SPECIFICATIONS

Number of keys	65	Layout	65%
Switch type	Magnetic	Width	116.14 mm
Battery	4000mAh	Length	317.65 mm
Charging time	Around 5 hours	Front height	31.58 mm (without keycaps)
Charging port	Type-C		40.8 mm (with keycaps)
Mode	2.4GHz / Bluetooth / Wired	Back 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.

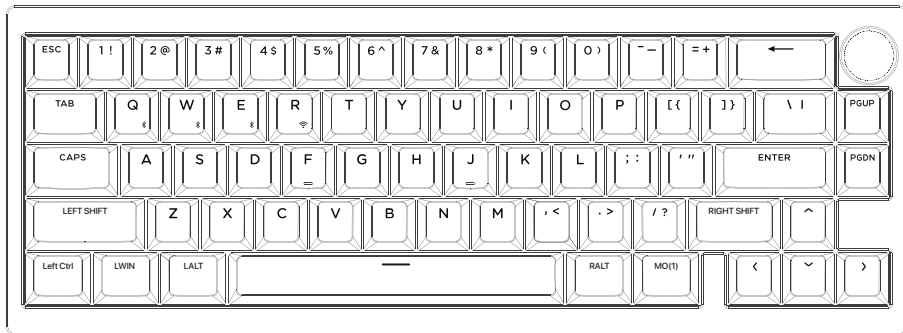
P2 HE WIRELESS MECHANICAL KEYBOARD OVERVIEW



- 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

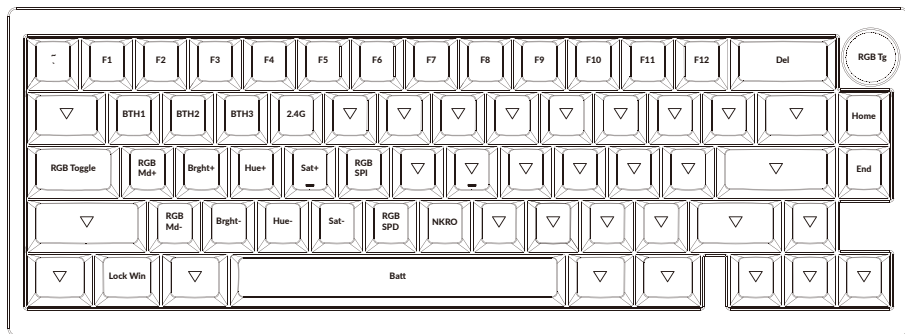
DEFAULT KEY LAYOUT:

LAYER 0: This is the default layer.

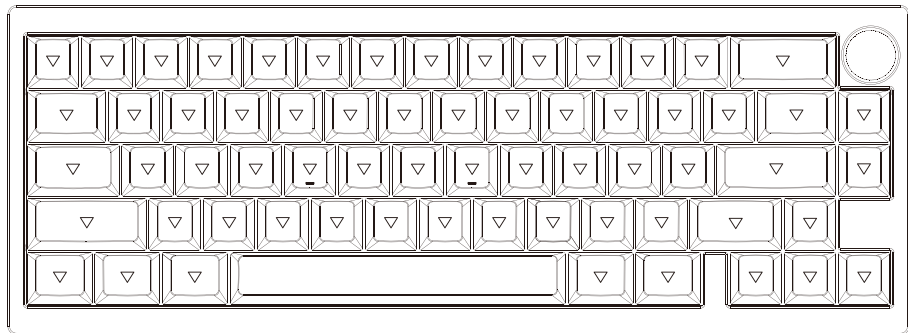


LWIN = Left Windows LALT = Left Alt RALT = Right Alt

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



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



KEY DESCRIPTION

Key Description	
Bright-	Backlight Decrease
Bright+	Backlight Increase
Mute	Mute
RGB Toggle	Turn Backlight on/off
RGB Md+	RGB Mode Next
RGB Md-	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

Key Description	
MO(2)	Layer 2 will be activated when holding this key
MO(3)	Layer 3 will be activated when holding this key
BTH1	Bluetooth Host 1
BTH2	Bluetooth Host 2
BTH3	Bluetooth Host 3
2.4G	2.4GHz Host
Batt	Battery life
NKRO	N-key rollover
Lock Win	Lock Windows Key

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

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.