# USER GUIDE



Warm Prompt：
1. Please ensure that the data cable is well connected with the computer and products.
2. The starting power required for this product is 10W. Please ensure that the computer, the type-C interface of the mobile phone or the USB interface can provide 10W power (5V/2000mA).
3. Due to the poor performance in power supply, some mobile phones cannot be connected with the product.

Windows      Mac      Android

K3 is a plug-and-play, multi-functional external mechanical keyboard with a 13-inch touch screen that meets your needs for multiple-screen display, keyboard input, HUB expansion, and M2 solid-state hard disk interface expansion. It can quickly set up a personal mobile studio to provide computer users with a perfect solution for multi-screen display, TP touch, keyboard input, and HUB expansion, which can increase your work efficiency by 50% and achieve efficient task processing.

K3's screen can be freely adjusted to 0-90 degree display angle, and supports adjustment of brightness, contrast and other parameters settings, and is equipped with TYPE-C / USB3.0 / TF/SD / M2 B&M key / B key interfaces. You can achieve one-line connection display without expansion dock. With a computer with HDMI output interface, you can use our customized TYPE-C TO HDMI + 2USB-A line to achieve one-line connection display, bringing you convenient and fast experience.

K3 comes with an 82-key mechanical keyboard, with hot-swappable process and customized shaft for easy replacement, allowing customers to enjoy different feel experiences with the same keyboard. It has backlight adjustment and supports custom backlight recording and driver macro programming, giving you a different experience and fun.
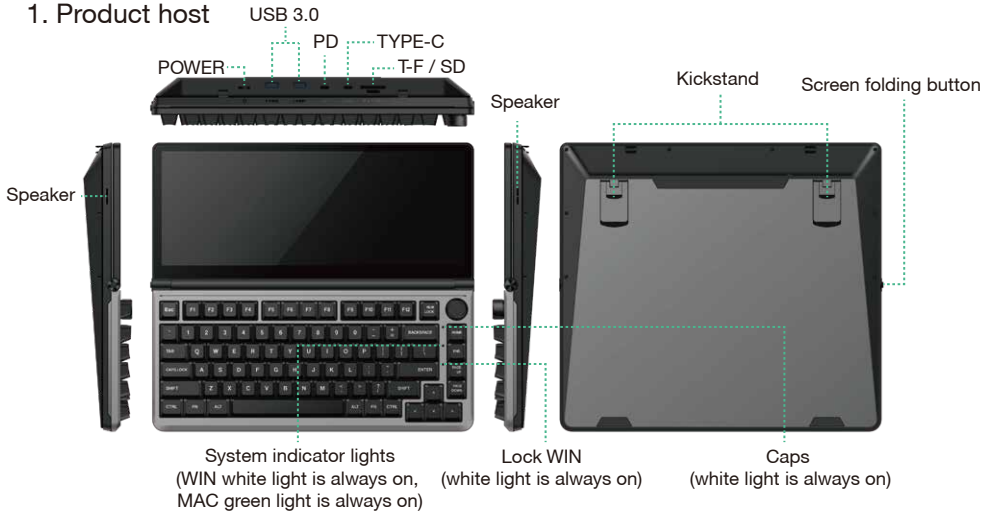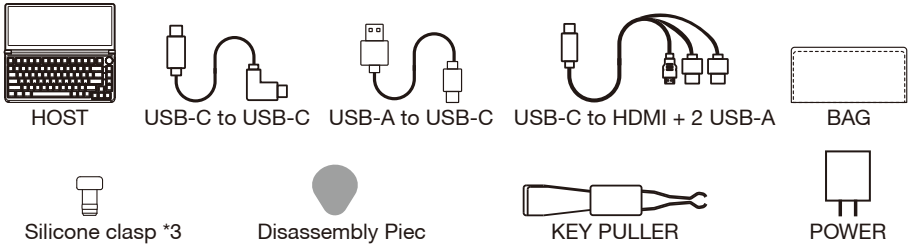
# Contents of Instruction

# Product Attributes

## 1. Product host

USB 3.0
PD    TYPE-C
POWER    T-F / SD

Speaker

Speaker

Kickstand    Screen folding button

System indicator lights
(WIN white light is always on,
MAC green light is always on)

Lock WIN
(white light is always on)

Caps
(white light is always on)

## 2. Product accessories

HOST    USB-C to USB-C    USB-A to USB-C    USB-C to HDMI + 2 USB-A    BAG

Silicone clasp *3    Disassembly Piec    KEY PULLER    POWER

## 3. Parameters

| | | | |
|---|---|---|---|
| Product Number: | K3 | Weight: | 2.12 Kg |
| Screen scale: | 16:6 | Screen Size: | 13 inches |
| Touch: | Support | Panel Type: | IPS wide viewing angle |
| Color Gamut Range: | 60% | Average Brightness: | 300CD/m$^2$ |
| Size: | 330x295x39.5MM | Shaft Type: | Yellow switch |
| Keyboard Layout: | US 82 keys / UK 83 keys | Keycap Material: | PBT |
| Resolution: | 1920*720P | product Material: | Aluminum alloy+ABS+PC |
| Contrast: | 1000:1 | Product Interface: | TYPE-C*2+USB3.0*2+ TF+SD+M2 SSD |
| TYPE-C Input: | 5-20V / 3.5A MAX | TYPE-C Output: | 5-20V / 3A MAX |
| Hard disk interface: | B&M key / B key | Hard disk specifications: | 2280/2260/2242 |
| USB3.0: | 5Gbps | M2 SSD: | 5.0Gbps |
| TF: | 12-480Mbps | SD: | 12-480Mbps |

# Installation

## 1.Open support frame
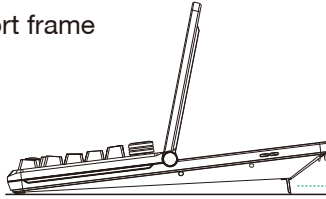
Two-level adjustable stand

## 2.Screen opening and storage

2.1 Please hold down the button to adjust the angle of the screen to the appropriate position, and then release the button to fix the screen angle.

2.2 In the process of opening and storing the screen,the screen angle locking button must be pressed,otherwise it will damage the screen and cause the lock to fail.
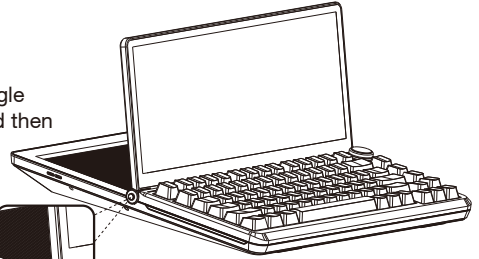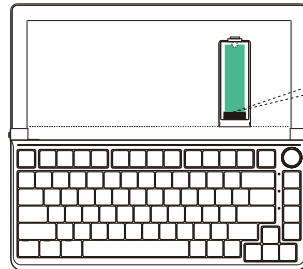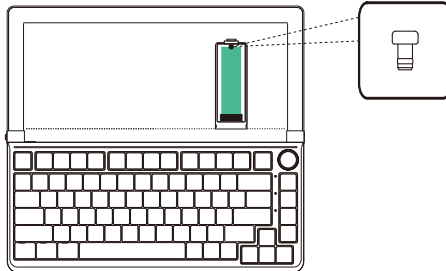
## 3.Hard disk installation

Press the buckle to open the hard disk cover
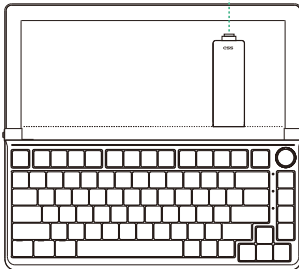
Step 1: Press to open the hard disk cover.

Step 2: Slowly insert the M.2 hard disk into the M.2 card slot.

Step 3: Press the silicone buckle into the hole position, cover the hard disk cover to complete the installation.

Note: 1. Connect the hard disk box to the computer, and the computer can read the disk drive to complete the installation.

2. When connecting with a 3-in-1 data cable, the USB3.0 and solid state hard drive transfer rate can only reach USB2.0 (12-480 Mbps).

# 1.DIY key cap shaft body

1. Remove the key cap with a key puller

2. Use a professional shaft puller to pull out the switch body

3. Check the installation position of the switch to be replaced (note that the pins cannot be crooked)

4. Place the new switch on the card position

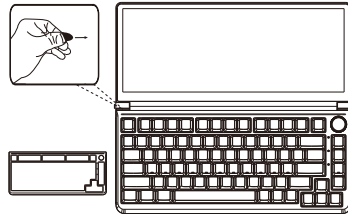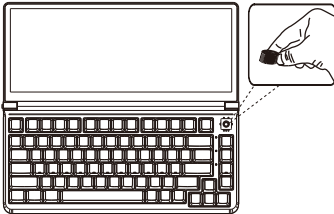5. Tap the new axis to the card position

6. install the key cap
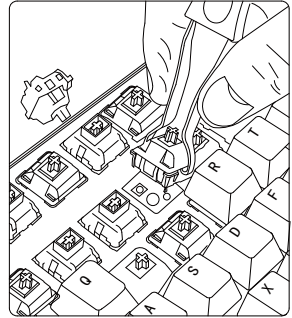
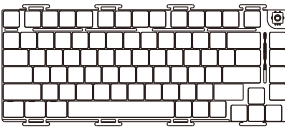Remarks:You can refer to the following switch parameters to choose the switch that suits you

# 2.Keyboard disassembly

Step 1: Unscrew the keyboard knob button.    Step 2: Disassemble the keyboard shell according to the figure.

Step 3: Pull out the keyboard line, remove the keyboard, and DIY the keyboard.
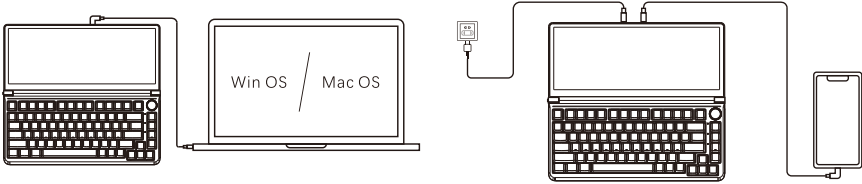
# Product connection method

## 1.TYPE-C interface computer/mobile phone connection method

Only a TYPE-C notebook/mobile phone with signal + power supply + video can achieve one-line communication.

Note: The data line connected to the computer must be connected to the TYPE-C interface of the product to achieve video and data transmission.

Win OS / Mac OS

TYPE-C notebook one-line communication          TYPE-C mobile phone one-line communication

## 2.HDMI interface computer / mobile phone connection method

Note:Desktop/laptop/mini PC with HDMI output port can be directly connected to display

It can be connected via TYPE-C TO HD+2USBA cable, the computer end is connected to the HDMI interface and USB interface, and the keyboard end is connected to the TYPE-C  connector.
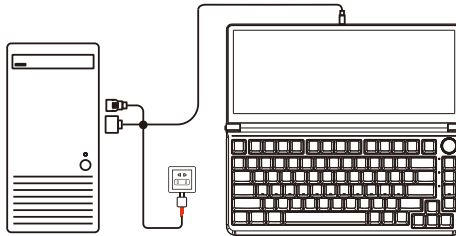
Desktop host connection method

## 3.they way to secure the cable
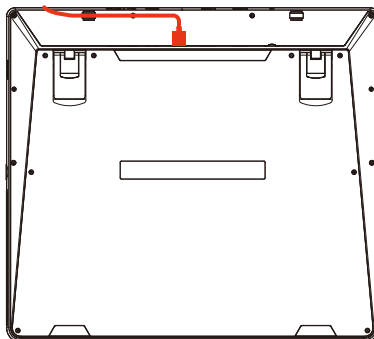
Note: To prevent poor contact or damage to the TYPE-C interface of the product during the operation of the product, please insert the data line into the slot.

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# Audio setting

## 1. Switch settings of Windows 10 / Windows 11 computer end output

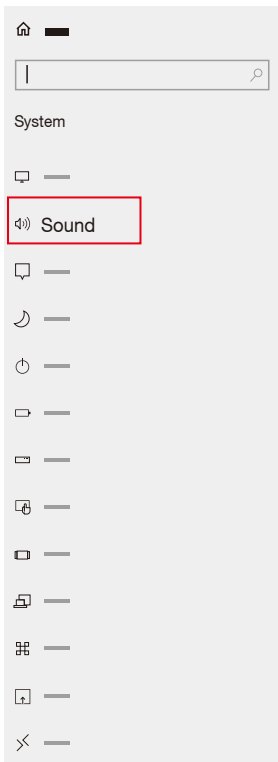### 1.1 Right click the loudspeaker icon down-right

1.2 Select "switch on sound " in pop-up dialog box

1.3 Left click "turn on sound settings" and pop-up the box as provided,Here users can set about sound;

Here users can set about sound

1. Master volume;

2. Select output device: (K3-R/speaker);

3. Device attributes.

System

Sound

## Sound

output

Select output device

K3 (2-AMD High Definitio... ∨

Some apps can be set to use a different sound device than the one selected here.
Please customize the app volume and device in advanced sound selection.

Device attribues

master volume

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⚠ Troubleshooting

## 2. Settings of MACOS computer end sound

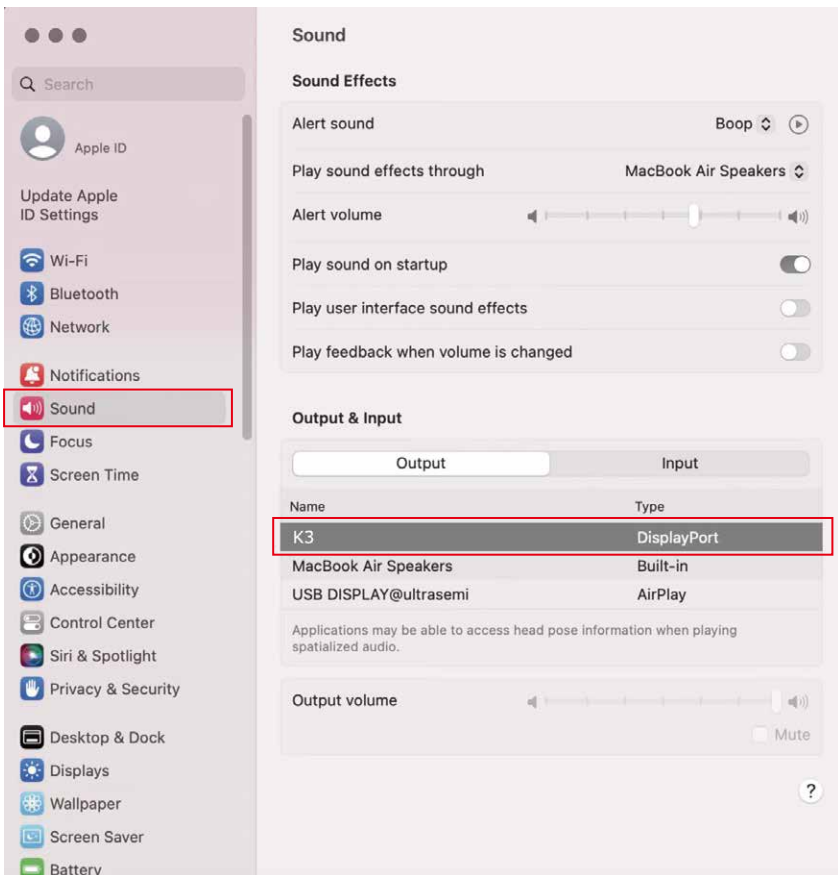2.1. Switch settings of MAC computer end sound output

2.2. Click computer's "settings" APP



2.3. Select "sound" in dialog box and pop-up as provided:
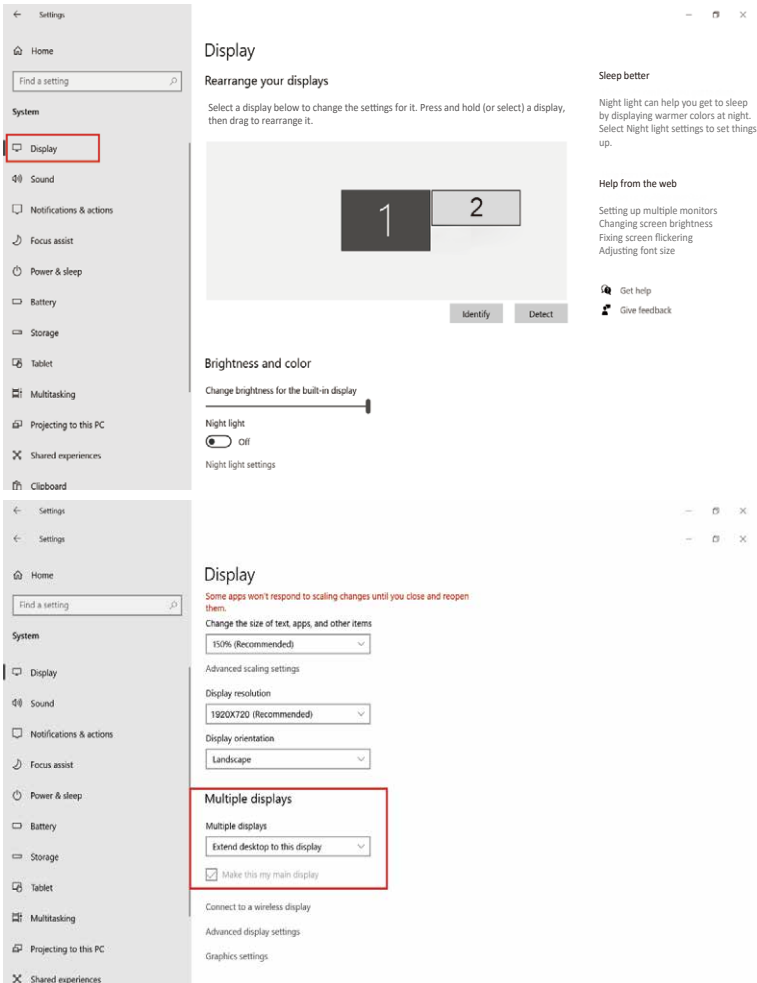
Click "output", users can do settings about sound;

Select output device: ( K3 / speaker )



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# 1.Windows 10 / Windows 11 Display Settings and Configuration

1.1  Right-click a blank area of the desktop. In the pop-up dialog box, select "Display Settings".
     Left click "Display Settings" to open the dialog settings box as shown:



1.2 The user can now rearrange the multiple displays orientation by clicking and dragging the items in
    the "Rearrange your display" section. Scrolling down towards the bottom of the page will also allow
    the user to further configure the displays to either extend the desktop interface or to duplicate the main screen.

Note:1. Please set the display orientation to vertical flip when using the product with a support stand in
         portrait mode.
      2. If the resolution when starting up the product is not 1920*720P, please unplug and re-insert the data
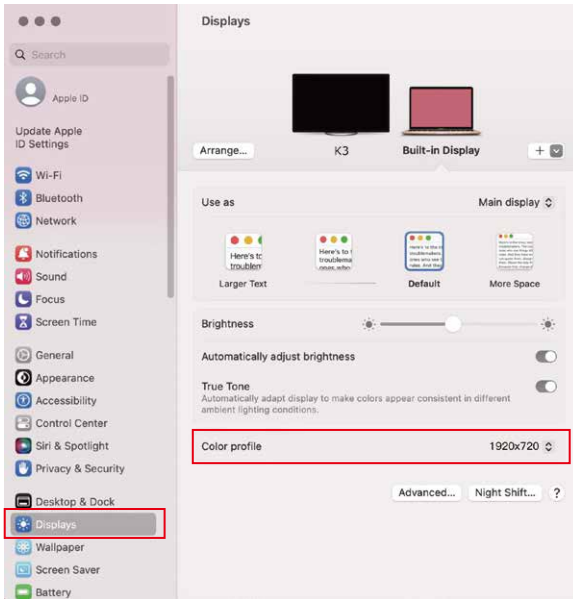         cable.

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# Display setting

## 2.MacOS 13 Ventura Display Settings and Configuration

### 2.1 Enter the "System Preferences" menu



### 2.2 The user can now configure their displays to their liking.

In this menu, the user can set the resolution and mirror/expand the display you want.
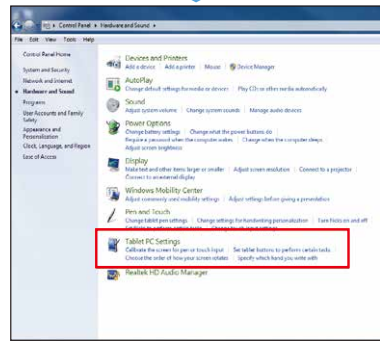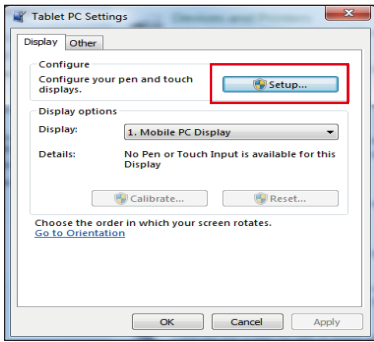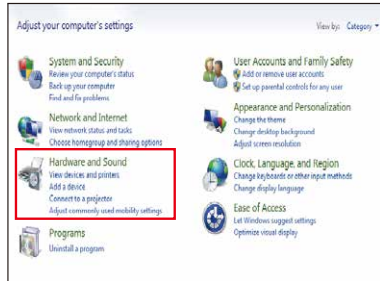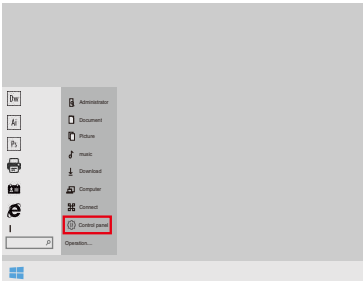


### 2.3 Arrange Displays

To rearrange displays, drag them to the desired position. To mirror displays, hold Option while dragging them on top of each other. To relocate the menu bar, drag it to a different display.

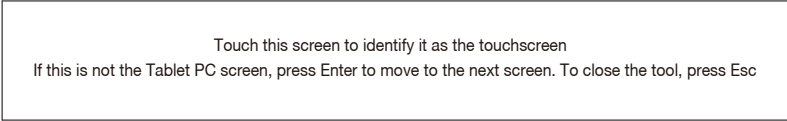## Windows 7 System Touch Settings

1.Click the Start button → Click Control Panel → Choose Tablet PC Settings.

2.The following text appears on the main screen.

Touch this screen to identify it as the touchscreen
If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc

Press ENTER to go to the next screen
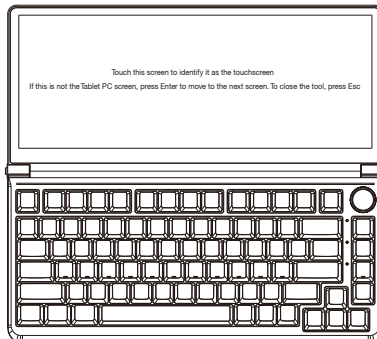
Click the keyboard screen to complete the settings

# Touch settings

## Windows 10 / Windows 11 System Touch Settings

1. Click the Start Button → Search Open Control Panel → Choose Hardware and Sound → Click Tablet Settings.



2. Tablet PC settings → Click to display → Click to set

3.The following text appears on the main screen.

Tap this screen with a single finger to identify it as the touchscreen.
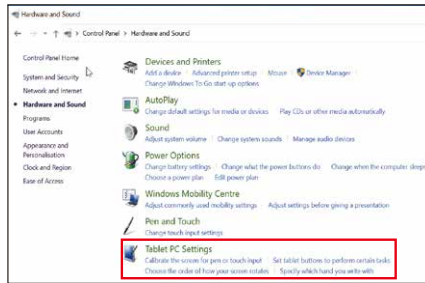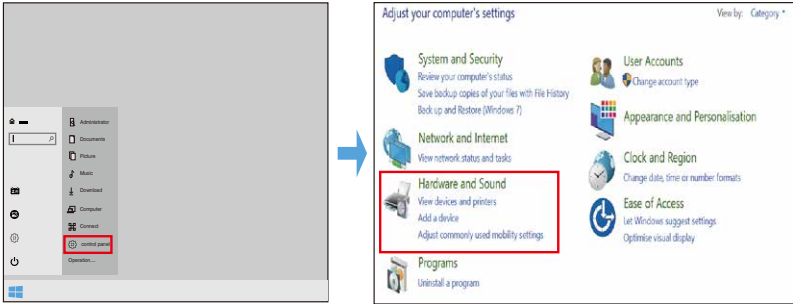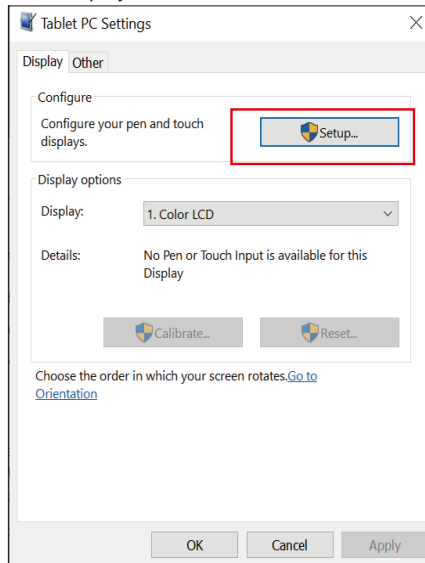
If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

Press ENTER to go to the next screen
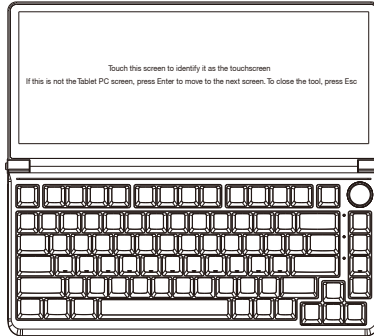


Cilck the keyboard screen to complete the settings

## MAC system computer touch settings

1. Move the mouse cursor to the keyboard screen, touch the coordinate point on the keyboard screen to complete the settings.
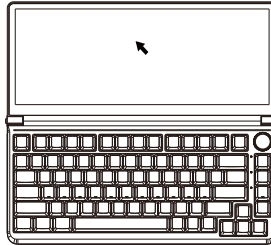


2.When connected to a MAC operating system computer, when the screen direction has rotation, you need to correspond to the touch coordinates in the fourth option of the OSD menu to ensure the accuracy of the touch coordinates.
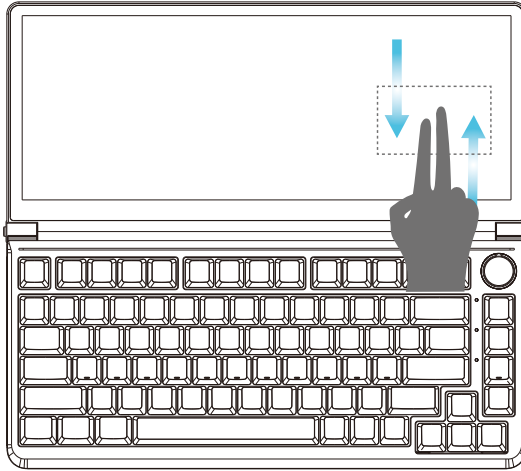
Note: 1.Pop up the OSD menu: Swipe down with two fingers in the bottom-right corner of the
screen to pop up the OSD menu.
2.To exit the OSD menu: Swipe up with two fingers in the bottom-right corner of the screen
to exit the OSD menu.
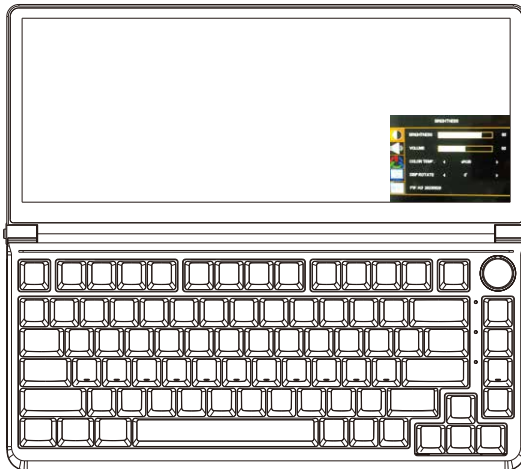


1. Screen brightness adjustment.

2. Sound adjustment.

3. Warm, Standard, Cool mode adjustment.

4. MAC OS Touch coordinate adjustment.

5. Restore settings.

# key definition

## 1.Keyboard key definition



## FN function key combination (hold FN)

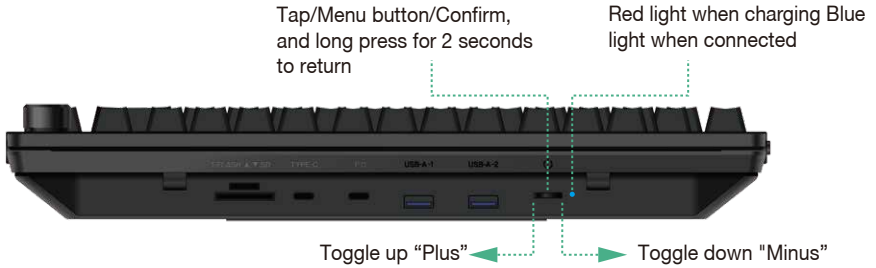| | Windows combination keys | Mac combination keys |
|---|---|---|
| Fn+F1 | My Computer | Brightness- |
| Fn+F2 | Email | Brightness+ |
| Fn+F3 | Windows Search | Open Task Control |
| Fn+F4 | Browser Homepage | Call out Siri |
| Fn+F5 | Multimedia Player | F5 |
| Fn+F6 | Play / Pause | F6 |
| Fn+F7 | Previous | Previous |
| Fn+F8 | Next | Play / Pause |
| Fn+F9 | Calculator | Next |
| Fn+F10 | Mute | Mute |
| Fn+F11 | Volume- | Volume- |
| Fn+F12 | Volume+ | Volume+ |
| FN+W | Enter game mode, WASD keys become up, down, left and right keys. | |
| FN+I | Insert | |
| FN+\ | Under all lighting effects RGB color light mode, adjust the light color to 7 colors single color + RGB cycle. | |
| FN+Home | Always On,Waves ripple,Shadowing,Steady stream,Meteor | |
| FN+PGUP | Stars twinkle，Caispring Surging，Spectrum cycle，Drift | |
| FN+End | Dynamic breathing，Sine Wave，Snow，Peak Turn | |
| FN+PGDW | Colorful vertical and horizontal，Through the snow non-trace，Peaks rising one after another，Laser，Flowers Blooming | |
| FN+L | Light off / on | |
| FN+- | Light speed slows down | |
| FN+= | Light speed accelerates | |
| FN+↑ | Light brightens | |
| FN+↓ | Light darkens | |
| FN+← | Light direction to the left | |
| FN+→ | Light direction to the right | |
| FN+Z | Side light brightness switch, 5 gears, cycle | |
| FN+X | Side light speed switch, 5 gears, cycle | |
| FN+left Ctrl | Side light mode switch, including off, 7 modes total | |
| FN+left ALT | Switch side light color | |
| FN+V | Switch between WIN and MAC systems | |
| FN+LWIN | Lock windows | |
| Hold FN+ Right Ctr | Long press for 3s to switch to menu key (can be remembered), and then long press to switch back | |
| FN+~ | Long press for 5s to restore factory settings; cannot switch current system Tap to play | |

Note: The main backlight has a total of 20 lighting effects (custom lighting, rhythm and shadow only support drive control).

## 2.key definition

Tap/Menu button/Confirm, and long press for 2 seconds to return

Red light when charging Blue light when connected

Toggle up "Plus"◄ Toggle down "Minus"
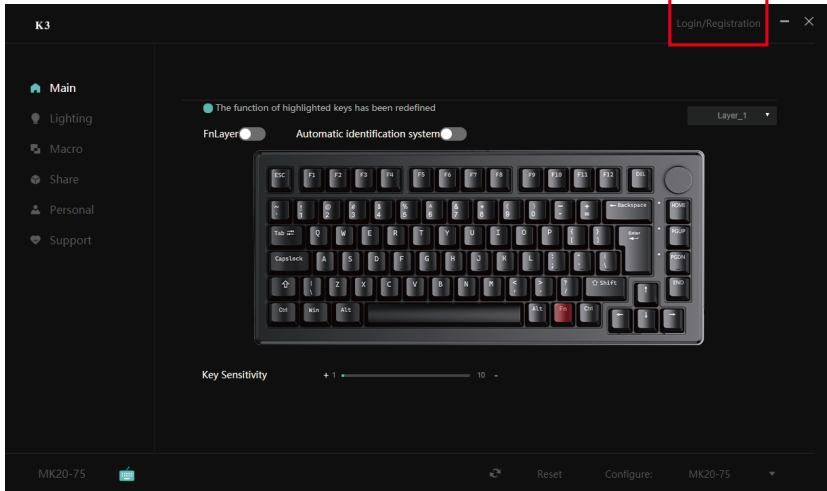
## 3.key definition

Tap to play

Volume- Volume+

Note: When connecting to a MAC OS system, the computer's audio output must be from the computer's built-in sound card to ensure proper functioning.
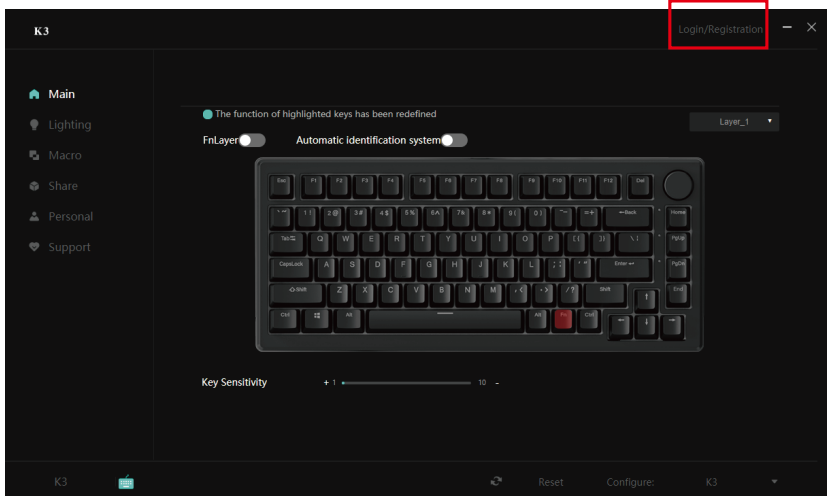
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# Driver definition

## 1.Driver installation

1.1 Download K3 driver from official website → Double-click to install K3 driver → Installation successful.

### UK driver



### US driver



Note: In the driver interface, you can set the keyboard lighting, macro programming, language settings, driver updates, configuration layer settings, etc. If you need to log in to the personal center and share the scheme, you need to register and log in to the driver.

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# Storage and use requirements

In order to ensure the normal use of this product and prevent accidents such as electric shock or fire, please read and understand all use requirements and operation procedures before using.

Please strictly abide by the following requirements.

1. Please tear off the protective film on the screen surface before use.

2. The DC power supply required by this product is AC/DC power adapter, which should be far away from heat source and placed in a well ventilated place. The AC power socket and AC power line should be well grounded and can withstand enough current demand.

3. The DC power input required by this product is 5v-20v ± 2V.

4. Attention should be paid to avoid excessive humidity and dust, so as to avoid circuit corrosion and failure.

5. Screen surface should not be challenged by external force.

6. Do not use sharp tools to touch the screen surface.

7. This product fits general business and domestic use, and ambient temperature ranging from -20~60°C is recommended.

8. Please power off power source when stop using device.