Custom keyboard User Manual-V3
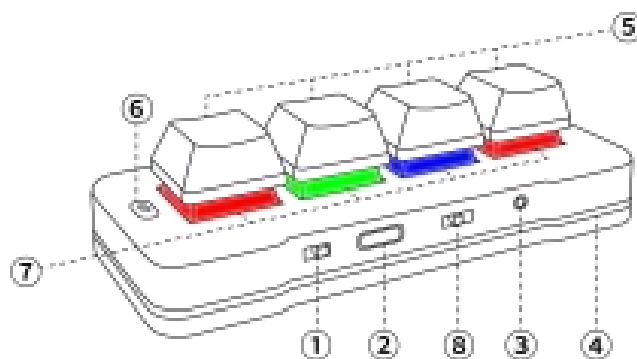
For Series MK424

1. Product Introduction

Custom keyboard is a computer (and smartphone) HID input device which is equivalent to a keyboard or a mouse. You can use it to configure the function of the keys by provided software ElfKey. It is widely used in office work, video game control, medical industry, industrial industry and so on.

Custom keyboard is like other HID devices, it can be used on mobile phones, computers and tablets, and it is compatible with Windows, MAC, Linux, Android, IOS, Harmony OS and other systems.

You can connect several Custom keyboards to one computer, it will not have any conflict with your common keyboards and mice. When multiple devices are connected to the software, please select the product individually on software when setting the key function of the custom keyboard.

ElfKey software download: software.pcsensor.com

2. About the custom keyboard

(MK424)

① OFF/ON: For wired mini keyboard: light switch ON/OFF. For wireless mini keyboard: Power switch ON/OFF.

② USB-Type C port: Power supply and devices connection.

③ connect button: After selecting the wireless mode, press and hold 3 seconds to enter pairing mode.

④ mode light: Blue light (usb mode); Red light (Bluetooth mode); Green light(2.4G mode).Light effect: Flashing at an interval of 1 second indicates a reconnection status; Flashing every 2 seconds indicates pairing status; Connected status lighting effects can be configured in the ElfKey software.

⑤ Keys: Press to trigger the key function you've set up.

⑥ S button: Key layer switching button,press to switch key layers. Factory default condition there is only 1 layer of keys. You can add the 2nd and 3rd layers with the software. Each key value layers can be set with different function.

⑦ Key light: Press the S button, the different color lights indicate different layers.

Red light (layer 1); Green light (layer 2); Blue light (layer 3). Please note: You need to switch the device to USB mode and connect it to a computer, run the ElfKey software, and then you can start to set up the key function.

⑧USB/2/BT: connection mode. Switch to USB（USB）、2.4G（2）or Bluetooth（BT）mode connection。

3. How to use

3.1 The wired models are named withMK424U.

The wireless models are named with MK424BT、MK424G、MK424Pro.

3.2 Download and install the Elfkey software from: software.pcsensor.com.

3.3 Connect the custom keyboard to your computer with the USB cable. Run Elfkey software, press the connect button of the device until mode light turns to blue (USB mode), and the ElfKey software will automatically recognize the device.

3.4 After connecting by USB mode, you can start setting up the key function according to the software guidelines. (You can find ElfKey User Manual on software).

3.5 Please note"one click open" function of wired versions requires running ElfKey software. Other function of all versions can be used without running software.

3.6　Bluetooth Mode(only for Pro、Bluetooth　version):

a: switch mode selector USB/2/BT to BT mode.

b: Press and hold the connect button for 3-5 seconds, then the light will blink every 2 seconds to enter the pairing mode,

c: Search for the Bluetooth named "device model" on your device and connect. After successful connection, the indicator light turns on for 2 seconds, and then the red light will flash and turn off.

3.7 2.4G Mode (only for Pro、2.4G version): Switch mode selector USB/2/BT to 2.4G mode, insert the USB receiver into the device. After successful connection, the indicator light stays on for 2 seconds, and then the indicator light will flash. (No need to pair).

If you need to pair the 2.4G receiver again, press and hold the connect button for 3-5 seconds to enter pairing mode. Then insert the USB receiver to the computer, and the device will automatically pair when it is nearby the receiver. After successful pairing, the indicator light stays on for 2 seconds , then flash.

4. Function Introduction

4.1. Keyboard and mouse functions: A single key of the custom keyboard ca be set to key, key combo, short cut, hot keys or mouse cursor scroll up/down.

4.2. String function: Continuously output letters or symbols, up to 38 characters like "hello, world."

4.3. Multimedia functions: Common functions such as volume + , volume -, Play/ Pause, click "my computer" etc.

4.4. Macro definition function: This function can set a combination action of keyboard and mouse, and you can custom a delay time to this action. You can use the recording function to record the actions of keyboard and mouse.

4.5. "One-Key Open" function (wired version only): One-click opens the specified files, PPTs, folders, web pages that you've set up. (This function works only when the software is running, so it is only available in wired versions).

For more information about how to configure Elfkey, see How to Use Elfkey.

5. Product parameters

1. Product name: Mini Keyboard

2. Bluetooth communication distance: ≥10m

3. Bluetooth version: Bluetooth 5.1

4.2.4G communication distance: ≥10m

5. Power supply: lithium battery

6. Shaft body: green shaft

7. Switch service life: 50 million times

8. Connection: Bluetooth, 2.4G, USB

9. Product size: 95*40*27.5mm

10. Product weight: about 50 grams

For more questions, you can ask the customer service phone number and customer service email at the bottom of the official website for help. Thank you.

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

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