

Thank you for purchasing our ZUOYA GMK81 mechanical keyboard , We hope you will be pleased with both the product and service you received . The following is a detailed introduction of the functions and operation method of this product.

Default Hot Keys

Hold FN + listed keys to activate

LED Setting Keys

FN+↑: LED backlight brightness Increase
FN+↓: LED backlight brightness decrease
FN+←: LED backlight hue increase
FN+→: LED backlight hue decrease
FN+\|: Toggle LED backlight mode
FN+ - : LED backlight speed decrease
FN+=+: LED backlight speed increase
FN+]}: LED backlight saturation decrease
FN+[{: LED backlight saturation increase
FN+ Backspace : Turn off/on the key area backlight

Media Keys

FN+F1: Music Player	FN+F2: Volume -
FN+F3: Volume +	FN+F4: Mute
FN+F5: Stop	FN+F6: Previous
FN+F7: Play\Pause	FN+F8: Next
FN+F9: Email	FN+F10: Web
FN+F11: Calculator	FN+F12: Search
FN+WIN : Lock \Unlock Win	FN+ENTER : Toggle LCD profile
FN+X : ON/OFF LCD	FN+ DELETE: INSERT
FN+ PAGE UP: HOME	FN+ PAGE DN: END
FN+ Space: Long press FN+ Space for 3 seconds to reset the keyboard to the factory setting.	
FN+A : WIN system	FN+S : MAC system

USB Wired/BT5.0/2.4G Tri Mode Pairing Method:

Wired Mode:

Please toggle the mode switch to wired (USB mode) . and then insert USB cable into your computer, the LCD lights on it means connection successful.

Bluetooth® Pairing Instructions:

Perform the following steps to pair this keyboard with your device(s).

1.ZUOYA GMK81 can be paired with up to three devices at the same time. Please toggle the mode switch to the Bluetooth mode . Long press FN + Q or FN+W or FN+E for 3~5 seconds to enter pairing mode. At this time, Screen will flash BT1or BT2 or BT3 icon quickly indicates that keyboard is ready to connect.

2.Open the Bluetooth settings on your device and scan for available devices. Locate and select any device name of three group

" ZUOYA GMK81-1 " "ZUOYA GMK81-2", "ZUOYA GMK81-3 "

3.Once the keyboard has connected to your device, the screen device icon will cease flashing and light on indicates Bluetooth pairing was successful. Short press "FN" and "Q" or "FN" and "W" or "FN" and "E" keys to switch paired Bluetooth device.

The Bluetooth connection has memory . It will disconnect when power off the keyboard ,and the keyboard will re-connect to the last device when power on the keyboard again.

2.4Ghz connection Instruction:

1.Please toggle the mode switch to 2.4Ghz mode . Screen will flash 2.4G icon quickly

2.Plug the receiver into USB port of the device ,2.4g icon will cease flashing and light on which means the connection is successful.

2.4Ghz pairing Instructions:

The keyboard 2.4Ghz mode is default paired .If you need to re-pair 2.4Ghz mode ,please perform the following operations :

Long press FN+R key to enter 2.4G pairing mode .At this time ,The screen will flashes 2.4G icon quickly ,Insert 2.4G dongle to USB port .After the connection is successful ,the screen will stop blinking .

Auto sleep mode

In Bluetooth and 2.4G mode, after 5 minutes without key press ,the LCD will turn off to conserve the battery , any key press will be awaken the keyboard.

In Bluetooth mode, the deep sleep mode will be entered after 30 minutes without key press, and the Bluetooth is disconnected. Press any key to exit the deep sleep mode, the LCD will turn on and re- connect to Bluetooth.

Battery Charging Indicator:

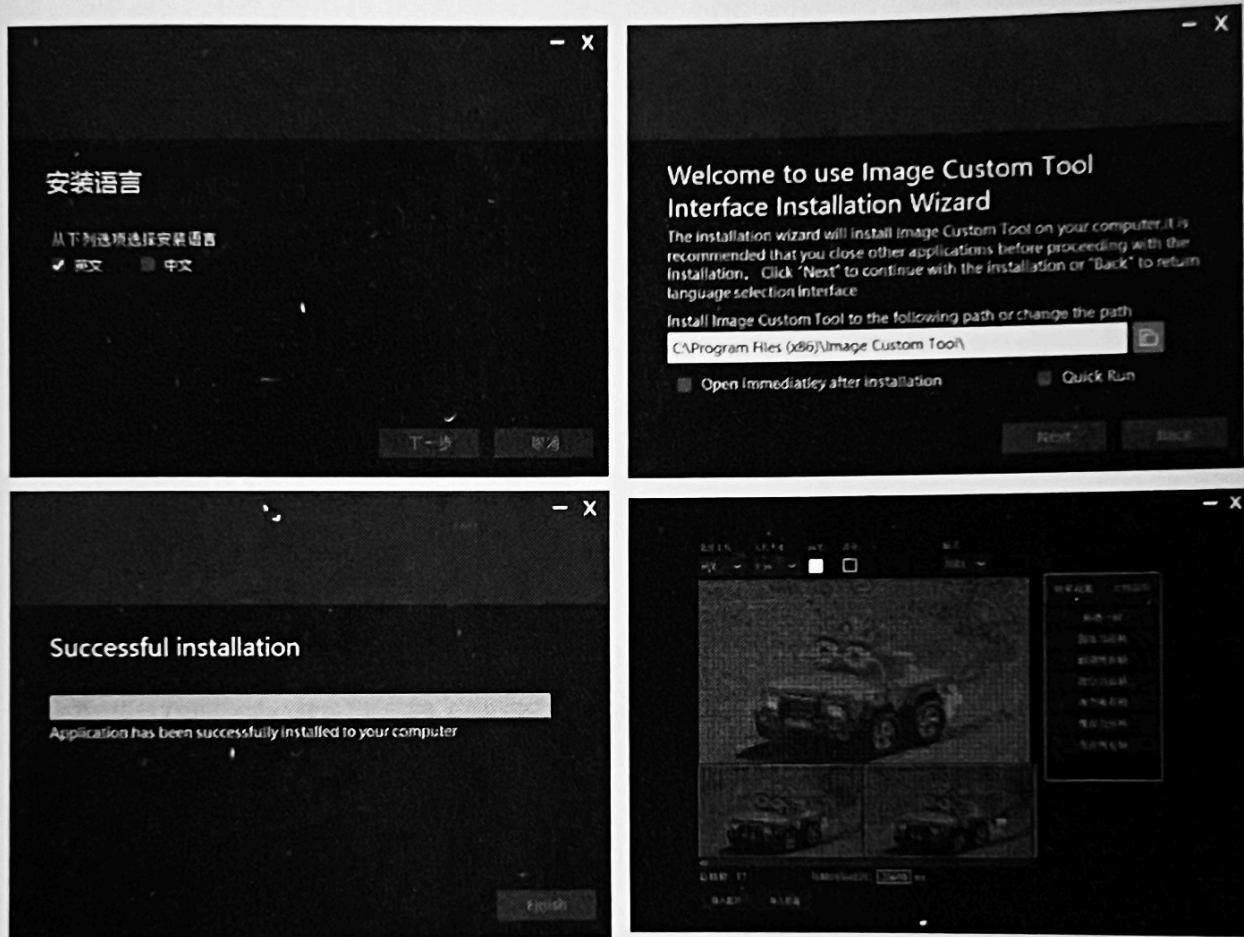
When the battery power of the keyboard is low (the battery power is less than 3.5V), the battery icon of the screen will become red . Also , screen will show charging icon when keyboard is charging .

LCD Setting

Custom the wallpaper

ZUOYA GMK81 supports to custom animation and static picture. Total 2 sets can be customized .

Please download Image Custom Tool from distributor and install it to your PC .
Open the Image Custom Tool .choose picture and upload all frames .
See below 4 steps:

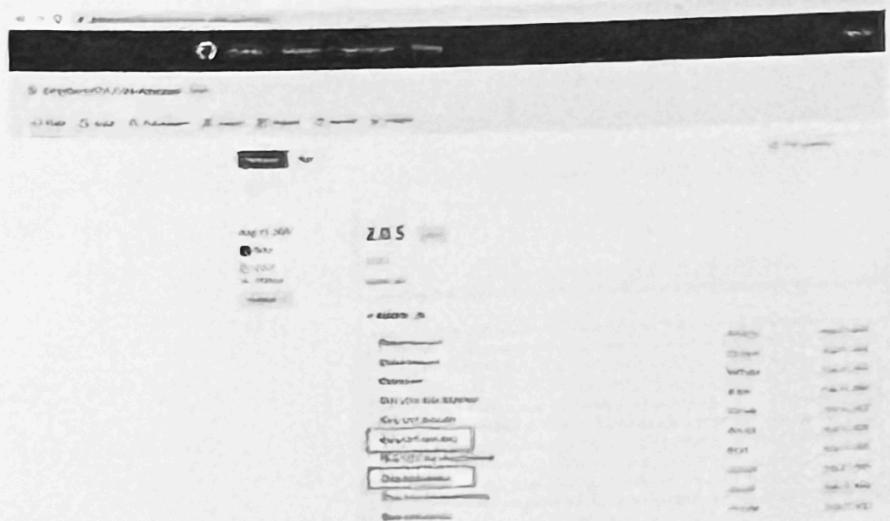


ZUOYA GMK81 supports using the VIA program to change key layout

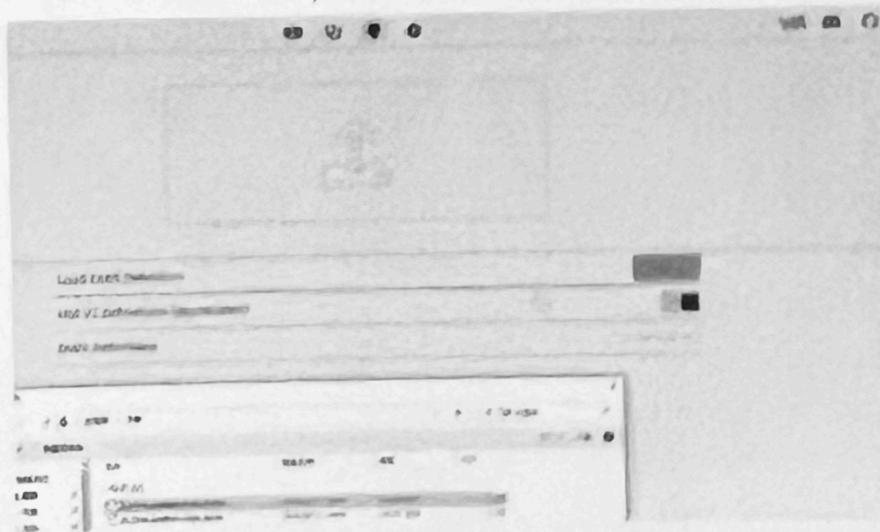
Note: Make sure your keyboard is properly plugged into your computer .

VIA installation steps see below :

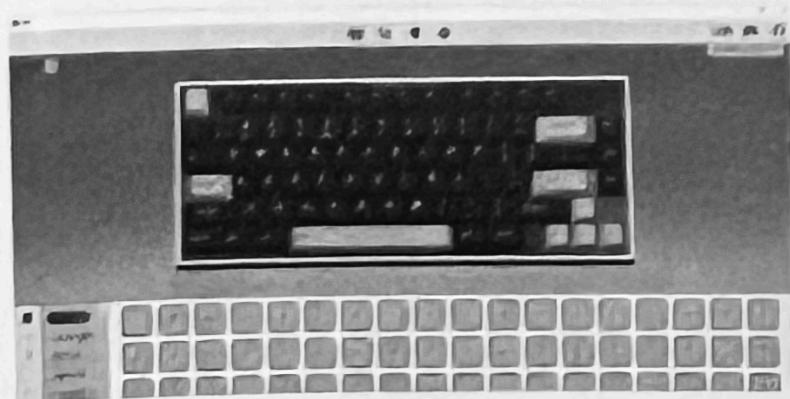
1. Please visit <https://github.com/WestBerryVIA/via-releases/releases> to download the latest VIA application for your computer's OS here.



2.Download ZUOYA GMK81-2.4G.JSON and ZUOYA GMK81-USB.JSON file via distributor and load the file. (2.4G if on 2.4g mode or USB if on wired)



3.Installation is completed and VIA software connected successfully if show below picture .



If the VIA software cannot recognize your keyboard, please reach out our support to get the instruction.

VIA automatically detects your compatible keyboard if it's plugged in. Keyboard memory is persistent, which means that wherever you plug in keyboard, it remembers the settings.

On the top half of VIA software, choose one key by your mouse, and then select the key that you wanted on the bottom half of VIA software, and it was effected.

Firstly switch to VIA software key tester table, there is not any background color before you press any keys, when you want to test this key you have programmed, press it and the background color will change to red color means it works, otherwise it is not work.

See below for more information about configuration

Macros setting

ZUOYA GMK81 is configured with 4 layers from 0 to 3 by default, and each individual key can have multiple functions.

This is important for smaller keyboards, where there aren't enough physical keys to do all the functionality you need.

Special keys setting

Here you can remap the key to replace the special key to the key you want, to achieve the quick operation of the function.

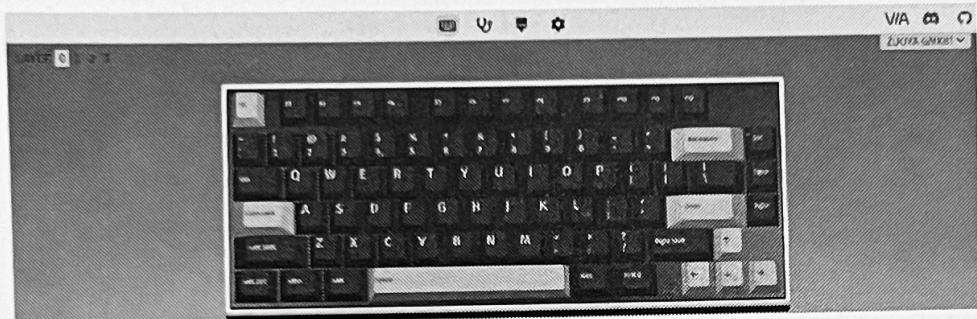
ZUOYA GMK81 VIA software provides many different RGB lighting effects by default. You can change the lighting brightness, speed, color and customize the lighting effect you want. You can also change the key to operate the lighting effect you set.

About Layers

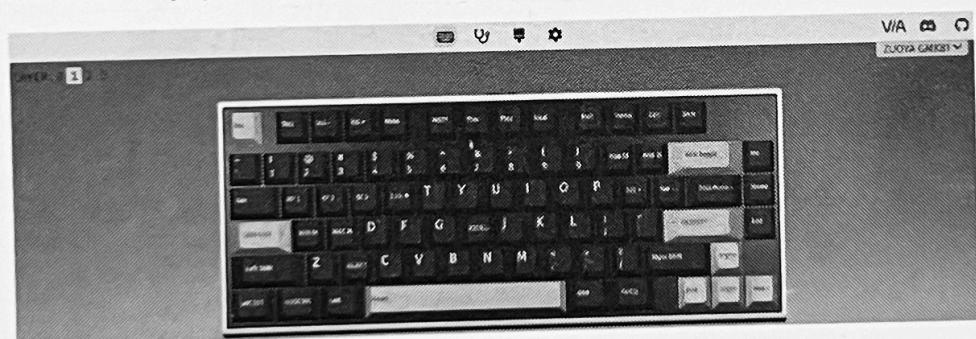
ZUOYA GMK81 default customized 0-3 layer keyboard layout.

Layer0: This layer will be activated when your keyboard connected to the Windows system.

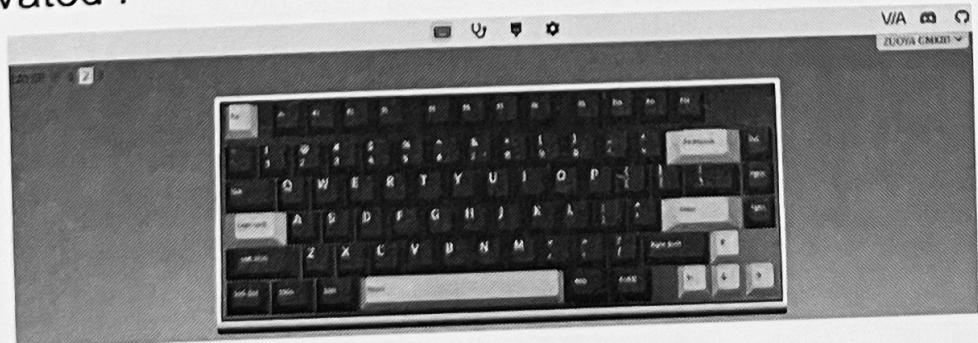
Layer0: This layer will be activated when your keyboard connected to the Mac system. Left Alt=Left Option Left Win=Left Command Right Alt= Right Option



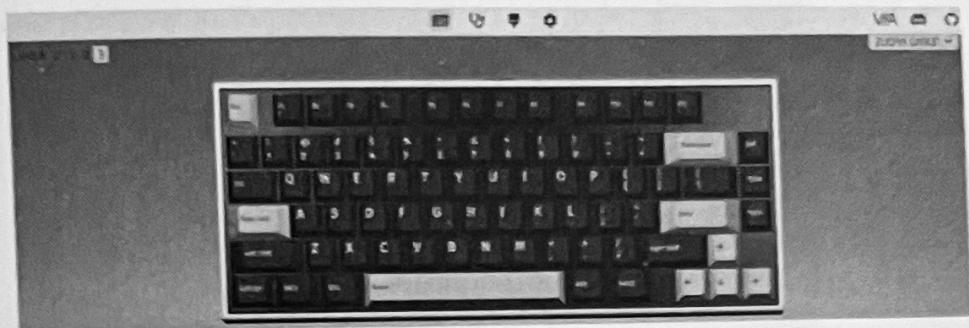
Layer 1: When the keyboard connect to Win/Mac system device, long press Fn1(3) key ,layer 1 will be activated .



Layer 2: When the keyboard connect to Win/Mac system device, remapped any keys to MO(2),long press MO(2) key ,layer 2 will be activated .



Layer 3: When the keyboard connect to Win/Mac system device, remapped any keys to MO(3),long press MO(3) key ,layer 3 will be activated .



Key description

Hue+	Hue Increase	BT 2	Bluetooth Device 2
Sat+	Light Saturation+	BT 3	Bluetooth Device 3
RGB Md+	Next RGB Mode	Bright+	Backlight Increase
RGB Tog...	Toggle RGB ON/OFF	Lock Win	Lock Windows Key
Win...	Windows Mode	USB Mode	USB mode
Mac...	Mac Mode	RGB SPD	RGB Speed Decrease
Hue-	Light Saturation-	Bright-	Backlight Decrease
Sat-	Light Saturation-	RGB SPI	RGB RGB Speed Increase
BT 1	Bluetooth Device 1		
Fn1(3)	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		