



Comments by Epomaker

If you think any part of this manual needs correction, adjustment or updating, sent the team a message at support@epomaker.com. You can also send a message there if you have any issues with your keyboard.

Table of Contents

Comments by Epomaker	2
Unboxing What's included in the Box Item Descriptions Epomaker Manual (GS66): Keyboard Dimensions Keyboard Information Keyboard Keycap Dimensions	5 5 6 9 10 11
Quick Start Guide	12
Powering the GK66/SK66	12
Turning Off/On the GK66/SK66	12
Changing Modes/Layers	12
Setting Up Keyboard/Bluetooth	14
Windows 10 Bluetooth	14
iOS Bluetooth Setup	16
MacOS Bluetooth	19
Linux Bluetooth Pairing	21
Downloading Software for your Epomaker GS66	21
Windows Download	21
MacOS and Linux Download (GUI):	23
Lighting Section Creating an Lighting (.LE) Files Edit Driver Layer Colours Add Onboard Lighting Effects Uploading Lighting "LE" Files Downloading Lighting "LE" Files Creating Frame Based Lighting Effects	29 32 33 35 36 37
Layout Section	44
Changing Keyboard Language Settings	44
Windows	45
MacOS	47
Remapping A Single Key	50
Remapping A Key Combination	53
Macros	56
Creating a New Macro Category	56
Creating a Macro	58

Recording a Macro	60
Editing a Macro	61
Assigning A Macro To A Key	62
Frequently Asked Questions	64
I see "Not Support Device"	64
Combination of the FN key + Another key	64
My Mac Delete key is not working	65
My GK6X Plus Driver is in Chinese	67
I can't seem to press anything on my MacOS screen	67
My Keyboard is not showing up in my Bluetooth	67
How do I check my battery and what does the indicator mean?	68
My Left-Alt is stuck at an orange-yellow colour	68

Unboxing

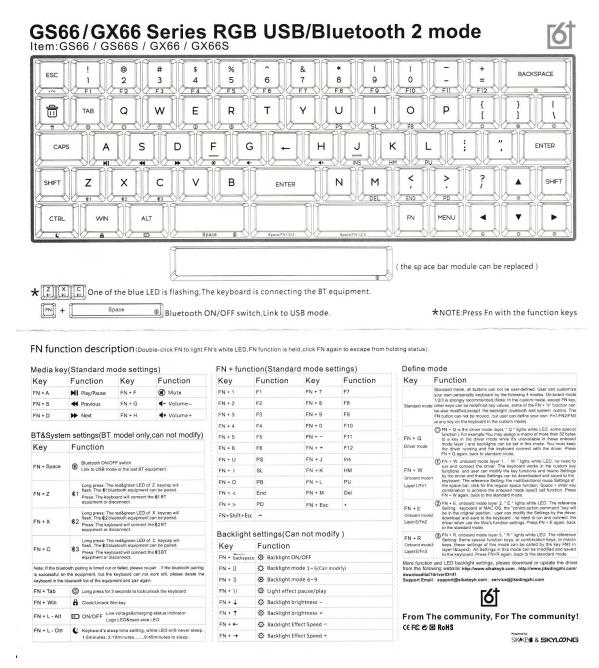
What's included in the Box

Note: This might change depending on availability

- 1. Epomaker GS66
- 2. Epomaker Keycap Set (Different profiles depending on your variant)
- 3. Epomaker GS66 Manual
- 4. USB A to USB C Braided Cable (1.5m / 4.9ft)
- 5. Spacebar Stabilizer
- 6. 1 Spacebar No-Split Keycap
- 7. 2 Spare Switches
- 8. Keycap and Switch Puller
- 9. 5 Mac Keycaps (If goal reached)

Item Descriptions

Epomaker Manual (GS66):



Media Keys FN + A: Play/Pause

FN + S: Previous

- FN + D: Next
- FN + F: Mute
- FN + G: Volume -
- FN + H: Volume +

Bluetooth Settings

- FN + Space: Bluetooth On/Off
- **FN + Z:** Long Press: First Bluetooth Equipment Pair Short Press: Connect/Disconnect to First Bluetooth Equipment
- FN + X: Long Press: Second Bluetooth Equipment Pair
 - Short Press: Connect/Disconnect to Second Bluetooth Equipment
- **FN + C:** Long Press: Third Bluetooth Equipment Pair Short Press: Connect/Disconnect to First Bluetooth Equipment

Other Keyboard Settings

- FN + Tab: 3 Seconds Press to Lock/Unlock Keyboard
- FN + Win: Lock/Unlock Windows Key
- **FN + Left Ctrl:** Keyboard Sleeping Options 0.. Never Sleep.. 1.5min.. 9:45mins..

FN + Function (Standard Layer)

FN + 1: F1 FN + 2: F2 FN + 3: F3 FN + 4: F4 FN + 5: F5 FN + 6: F6 FN + 7: F7 FN + 8: F8 FN + 9: F9 FN + 0: F10 FN + -: F11 FN++: F12

Numpad Keys

FN + U: PS FN + I: SL FN + O: PB FN + <: End FN + >: PD FN + J: Ins FN + J: Ins FN + K: HM FN + L: PU FN + M: Del

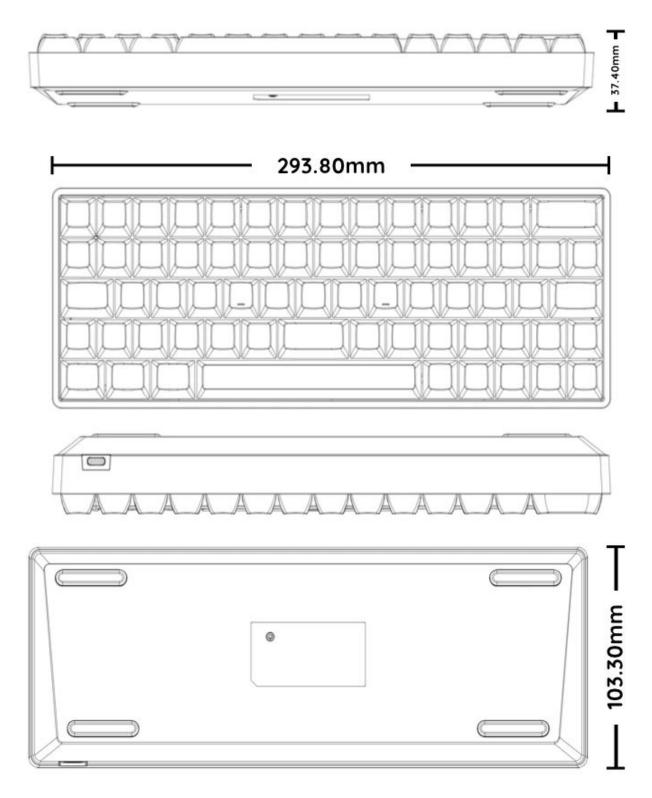
Backlight Settings

FN + Backspace: Backlight On/Off
FN +]}: Backlight Mode 1-5 (Modify)
FN + {[: Backlight Mode 6-9
FN + \]: Pause/Play Light Effect
FN + Down Arrow: Backlight Brightness FN + Up Arrow: Backlight Brightness +
FN + Left Arrow: Backlight Effect Speed FN + Right Arrow: Backlight Effect Speed +

Keyboard Modes

Standard Mode: Standard Mode FN + Q (Driver Mode): Q White Light LED FN + W (Layer 1): W Light White LED FN + E (Layer 2): E Light White LED FN + R (Layer 3): R Light White LED

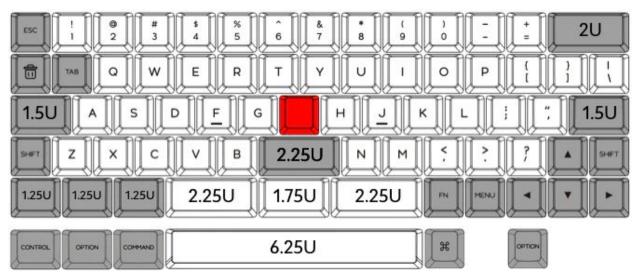
Keyboard Dimensions



Keyboard Information

KEYBOARD MODEL	AB Red Hat GS66 Ergonomic Keyboard
KEYBOARD SIZE	294 * 104 * 36 mm
KEYBOARD WEIGHT	600±50g
ON-BOARD BATTERY	1900mAh Rechargeable Lithium Polymer Battery
KEYCAP MATERIAL	PBT Thermal Sublimation
CASE MATERIAL	ABS Plastic
USB WORKING VOLTAGE	5V DC
USB WORKING CURRENT	380mA Max
CONNECTIVITY	Bluetooth 5.1 & USB Type-C Connection
SWITCHES	Gateron Mechanical & Gateron Optical
OS COMPATIBILITY	Windows, MacOS, iOS, Android

Keyboard Keycap Dimensions



The "units" of a keycap refer to a comparison between a one "unit" standard key. This is such that a 2u key will be two units of a 1u key.

- 1. The split spacebar is 2.25u, 1.75u and 2.25u. The non-split bar is 6.25u.
- 2. The middle "SikakeyB" Key is 2.25u.
- 3. The middle red key is 1u.
- 4. The Capslock key is 1.5u.
- 5. The Enter key is 1.5u.
- 6. The Backspace Key is 2u.

Quick Start Guide

Powering the GK66/SK66

Your device will come uncharged, or with low battery. In this case, it is required that you charge it before use. Your device requires a USB-A to USB-C connection with the cable that came in the box. If you are a Mac user, you can use your device by using a dongle that will convert the cable to a USB-C connection, or charging it on another device before using it. **DO NOT CHARGE THE DEVICE DIRECTLY FROM A POWER SOCKET.**

If you are having issues charging the device, make sure that the USB you're plugging it into is outputting enough power, and if you're using a different cable, that it is also a cable that sends power, not just signal.

Turning Off/On the GK66/SK66

The device will power on automatically with an animation of the keys powering white individually when it detects it is connected and charging. You shouldn't need to do anything to get the device to power on in this case, unless you are having power issues. In the case of turning it off, there are two things you can do. Firstly, to turn off the Bluetooth, press **FN + Space**. To lock the device, and prevent it being pressed while it is in a bag, press **FN + Tab** for three seconds to get the board to lock. Then do the same to get it to unlock.

Changing Modes/Layers

The following modes are available on your GK66/SK66

Standard Layer

In this layer, you have preset configurations for the buttons to be pressed which you can see in the manual above. You can put onboard lighting on here by using the software and accessing it using **FN +]**

The default on this layer is the following: Macice Blue, RGB, Spectral Cycle, Windmill and Rainbow Waves

Driver Layer (FN + Q): Q light will light up when this mode is selected. Driver mode layer only works when the keyboard is connected wired, and allows you to modify the backlight colours in real-time. You can assign larger macros while connected through a cable vs storing it on-board.

Layer 1: Onboard memory layer, The "W" key will light up when this mode is selected. This layer will work without having to be connected wired, but you're limited to what lighting you saved onboard (similar to the "standard layer").

Layer 2: Onboard memory layer, The "E" key will light up when this mode is selected.

MacOS layer. This layer is the same as Layer 1 and 3, but by default has the keys rebinded to match a MacOS keyboard and the Backspace key will be binded to delete. This can be changed in the driver.

Layer 3: Onboard memory layer, The "R" key will light up when this mode is selected.

This layer will work without having to be connected wired, but you're limited to what lighting you saved onboard (similar to the "standard layer").

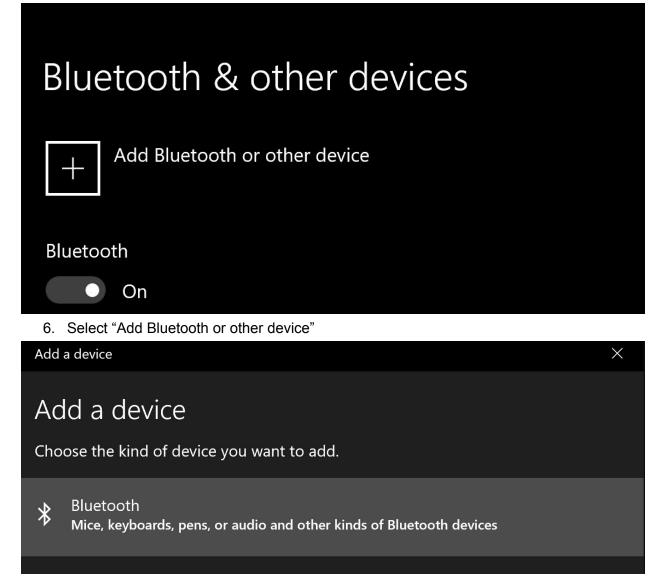
Setting Up Keyboard/Bluetooth

Windows 10 Bluetooth

- 1. First, charge the keyboard via a USB port on your computer until it has decent charge.
- 2. Power on the keyboard using **FN + Space**. This will put your Epomaker GS66 in Bluetooth mode.
- 3. Long Press Either **FN** + **Z**, **FN** + **X**, or **FN** + **C** for about three seconds. The key will start to flash red and green. This means that the keyboard is in pairing mode.

All Apps Documents Web More 🕶	<u>م</u>
Best match	
Bluetooth and other devices settings System settings	
Settings	Bluetooth and other devices settings
Find and fix problems with Bluetooth devices	System settings
کے Airplane mode	C Open
🖓 Dynamic lock >	
ロジョン Turn mono audio on or off トレント	Get quick help from web
Search the web	Fixing Bluetooth connections
Solution bluetooth - See web results	Sharing files over Bluetooth Reinstalling Bluetooth drivers
Documents (1+)	
	Related settings
ho bluetooth and other devices settings	

- 4. Press the windows key, and type "Bluetooth" into the search.
- 5. Select "Bluetooth and other device settings"



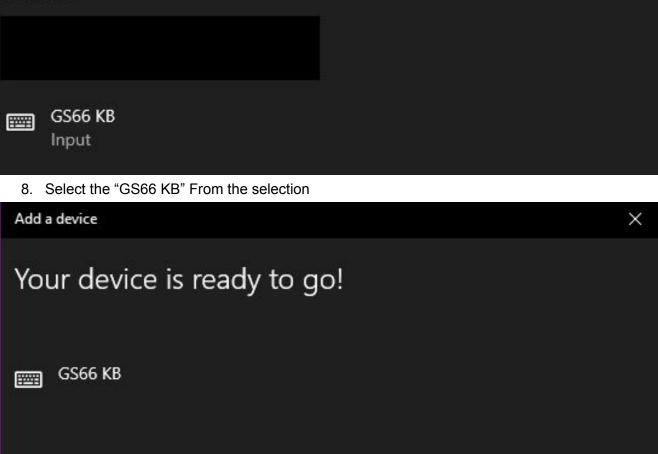
7. Select "Bluetooth" from the add devices section.

×

Add a device

Add a device

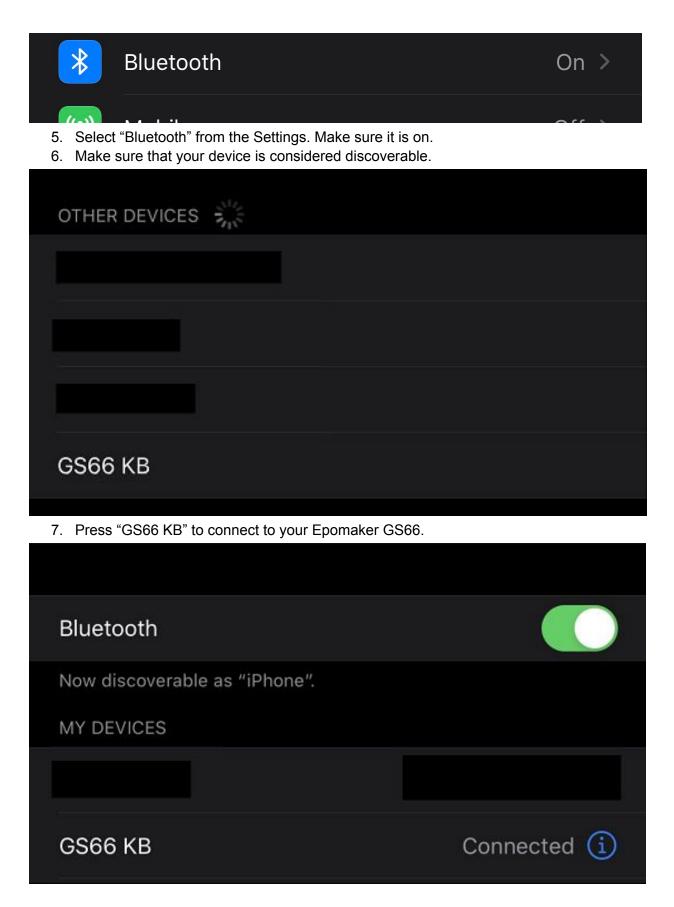
Make sure your device is turned on and discoverable. Select a device below to connect.



Your device will then be paired on that specific button. To disconnect/reconnect the keyboard, press the same button until the button turns white.

iOS Bluetooth Setup

- 1. First, charge the keyboard via a USB port on your computer until it has decent charge.
- Power on the keyboard using FN + Space. This will put your Epomaker in bluetooth mode.
- 3. Long Press Either **FN + Z**, **FN + X**, or **FN + C** for about three seconds. The key will start to flash red and green. This means that the keyboard is in pairing mode.
- 4. Press the "Settings" Application from the home section on your iDevice.



When your device is connected to your iPhone, it should show as "Connected".

< Bluetooth	GS66 KB	
Disconnect		
Forget This Device		

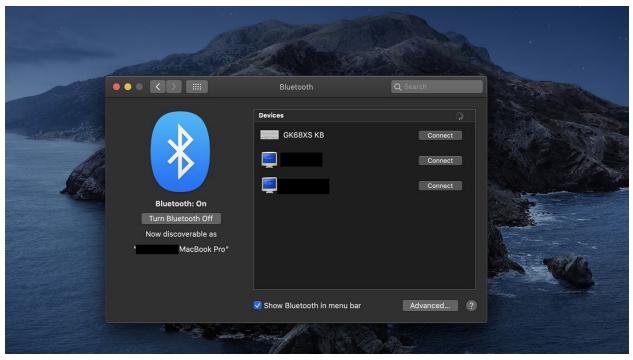
Note: If you want to disconnect the device, you can press the information icon on the side, and then select "Disconnect" or "Forget this device". Your device will then be paired on that specific button. To disconnect/reconnect the keyboard, press the same button until the button turns white.

MacOS Bluetooth

Note: make sure your device is discoverable and turned on.

	Q Bluetooth File Exchange	*	
	тор ніт		
	Bluetooth File Exchange		
	SYSTEM PREFERENCES		
	Bluetooth		The sea the
	Keyboard		
pl.	Network		
650	DEFINITION		
	Bluetooth		
Con Standar	BOOKMARKS & HISTORY	Bluetooth File Exchange	and the second s
	Epomaker GK68XS Bluetooth Mecha SIRI KNOWLEDGE	Version: 7.0.6	
	Bluetooth		
	Bluetooth Low Energy —		
	Bluetooth profile	Kind Application	and the
	SIRI SUGGESTED WEBSITES	Size 1.2 MB Created 17/09/19	
	8 bluetooth.com	Modified 10/06/20	
	osmarena.com		

- 1. Press Command + Space to open Search
- 2. Type "Bluetooth" into the Spacebar, select "Bluetooth" (Don't select Bluetooth File Exchange).
- 3. Hold the desired pairing button you would like on your keyboard. You can connect up to three devices, so either hold **FN + Z**, **FN + X**, or **FN + C** until the LEd starts flashing green/red.



4. You should see "GK66 KB" in the Bluetooth devices. Press "Connect"

	Keyboard Set-up Assista	ant	
Alexand and	Introduction		
	Your keyboard cannot be identifi identified. To identify this keybo If your keyboard is working prop USB input device connected to keyboard, you can skip this step	perly and you have an additional your computer that is not a	
		Continue	

5. You should see a keyboard symbol that is connected, and the Keyboard assistant pop up.

6. Go through the keyboard setup, and make sure that you follow the instructions carefully. Your device, afterwards, should have the proper layout and functionality.

Linux Bluetooth Pairing

Bluetooth pairing really depends on the Distro you are using and what desktop environment you are using. You can find guides on how to pair your bluetooth for a few of the popular distributions here:

Ubuntu 20.04: <u>https://help.ubuntu.com/stable/ubuntu-help/bluetooth-connect-device.html.en</u> Arch: https://wiki.archlinux.org/index.php/Bluetooth_keyboard Fedora: https://fedoraproject.org/wiki/Documentation/Bluetooth

Downloading Software for your Epomaker GS66

The keyboard has support for MacOS, Windows and Linux.

Make sure when you're installing the software that you have a ZIP manager. We suggest using the open sourced 7Zip. Download it here: <u>https://www.7-zip.org/download.html</u> or The Unarchiver on MacOS: <u>https://theunarchiver.com/</u>.

Windows Download

1. Visit the download page at <u>https://epomaker.com/pages/software-downloads</u>.

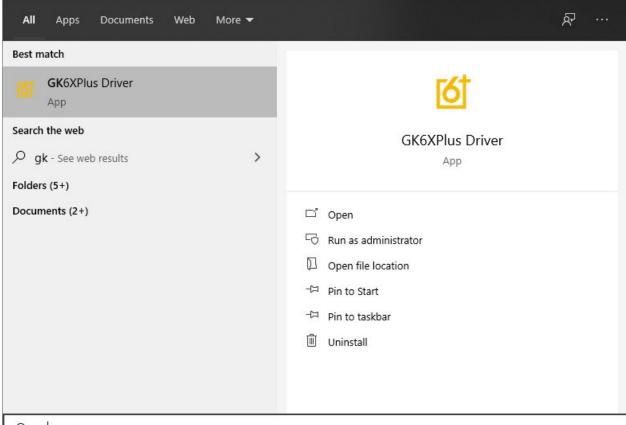
Software Downloads

	Driver Version:	6.0.0.20
	File Extension:	EXE
(BEIER)	Compatibility:	Windows 10
DOWNLOAD	Compatible Products:	Epomaker SKö1, Epomaker SKö1S, Epomaker SKö4, Epomaker SKö6, Epomaker SKööS
	With the SK6XPlus softwar	e you will be able to create, control and save into the keyboard's
	memory all the functionality	of your keyboard, including RGB Light effects, Macros, And any other
	oustomizations that you mi	ght desire. Changes applied in the software are carried on to other
	GK6X Kevt	poard Software
	GK6X Keyk	
	GK6X Keyk Driver Version: File Extension:	6.0.030 EXE
	GK6X Keyk	6.0.0.30
DOWNLOAD	GK6X Keyk Driver Version: File Extension:	6.0.030 EXE
DOWNLOAD	GK6X Keyk Driver Version: File Extension: Compatibility; Compatibile Products:	6.0.030 EXE Windows 10
	GK6X Keyt Driver Varsion: File Extension: Compatibility: Compatibile Products: With the GROXPLus softwar memory all the functionality	60.0.30 EXE Windows 10 Epomaker GK68X, Epomaker GK68XS e you will be able to creste, control and save into the keyboards of your keyboard, including RGB Light effects, Macros, And any other
	GK6X Keyt Driver Varsion: File Extension: Compatibility: Compatibile Products: With the GROXPLus softwar memory all the functionality	6.0.030 EXE Windows 10 Epomaker GK68X, Epomaker GK68XS e you will be able to create, control and save into the keyboard's

2. Click the download button under the section "GK6X Keyboard Software".

Shipping & Handling	Softwa	are Downloads
Return Policy		CI/CV // auto a and C aftrume
Wessentry & Comment		SK6X Keyboard Software
Warranty & Support		File Extension: EXE
Software Downloads		Compatibility: Windows 10
Product Guides	DOWNLOAD	Compatible Products: Epomaker SK61, Epomaker SK615, Epomaker SK64, Epomaker SK66, Epomaker SK66S
		With the SK6XPlus software you will be able to create, control and save into the keyboard's memory all the functionality of your keyboard, including RGB Light effects, Macroa, And any other customizations that you might desire. Changes applied in the software are carried on to other operating systems.
		GK6X Keyboard Software
		Driver Version: 6.0.030
		File Extension: EXE
	DOWNLOAD	Compatibility: Windows 10 Compatible Products: Epomaker GK68X, Epomaker GK68XS
	DOWNLOAD	
		With the GK6XPlus software you will be able to create, control and save into the keyboard's memory all the functionality of your keyboard, including RGB Light effects, Macros, And any other customizations that you might desire. Changes applied in the software are carried on to other operating systems.
<u> </u>		
GK6XPlus Driver6.0zip 21.7/59.2 MB, 41 secs left		Show all
e view compressed force room		
This PC > Desktop > Epomaker Driver >		✓ Č Search Epomaker Driver
Name	Date modified Ty	ype Size
GK6XPlus Driver6.0.0.30.exe.zip	8/15/2020 10:17 PM zi	ip Archive 60,630 KB
Open		
7-Zip	>	
CRC SHA	>	
Edit with No		Extract files
Scan with W	indows Defender	Extract Here

- 3. Extract the file to a temporary folder. Click the file and run.
- 4. Run through the installer and install to the location you would like the default location will be the C:/ drive.



♀ gk6XPlus Driver

5. Launch the software by searching "GK68Plus Driver" in the search bar.

MacOS and Linux Download (GUI):

https://github.com/pixeltris/GK6X

In order for the keyboard to interface with the software, you're going to need to have the keyboard in wired mode if you want to change the driver layer.

Make sure you are using the cable that came with the keyboard, the keyboard can only communicate with the software via USB-A to USB-C. If you're using MacOS, you can use a dongle to overcome this.

1. Head to <u>https://www.mono-project.com/download/stable/</u> to download Mono, which is required for running the Mac version.

Download

Release channels: Nightly - Preview - Stable - Visual Studio

The latest Stable Mono release is: 6.10.0 Stable (6.10.0.104)

Please choose your operating system to view the available packages. Source code is available on GitHub (viewing only) or as a Tarball.

🖆 macOS	👌 Linux	Windows	进 Docker	
Mono for macOS	is available as a	Mac Package (.pkg)		
Please refer to the ins	tallation guide for mo	re information about how to	install and configure you	ur Mono environment.
🛓 Download Moi	no 6.10.0 (Visual Stud	io channel*) 🚽 🕹 Do	wnload Mono 6.10.0 (Sta	ble channel)
Supported on macOS	10.9 and later. Check	the uninstall instructions if	you want to remove Mo	no from your Mac.
* We recommend this the Visual Studio char		ng Visual Studio for Mac sin	ce the stability of Visual S	Studio for Mac is only guaranteed wit

2. Click to download the "Stable channel"

		🧇 Install Mono Framework	
-000		Welcome to the Mono Framework Installer	
	 Introduction Read Me 	You will be guided through the steps necessary to install t software.	his
	 Installation Summary 		
		Go Back Cor	ntinue

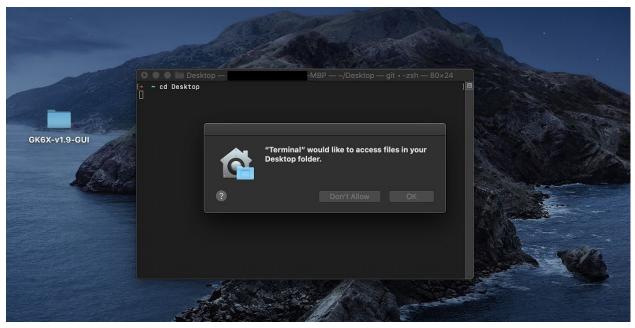
- 3. Click the file in your download folder, you should see an installer launch, run through the installer and install mono.
- 4. Head to <u>https://github.com/pixeltris/GK6X/releases</u>, here you should download the latest release with the filename "GKL6X-XX-GUI.zip" With "XX" being the most recent release.

Latest release GK6X-v1.9 -0- ec8878b	GK6X-v1.9	
Compare 🕶	Updated data files to V6.0.0.32	
	NOTE: There's a regression in the GUI component (also appears in the official software). Some keybo fix this edit /driver/device/YOUR_MODEL_ID/config.json and change "hasModeLe": false, to "hasMo	
	✓ Assets 4	
	𝔅 GK6X-v1.9-GUI.zip <	53.6 MB
	Image: Constraint of the second se	53.6 MB 1.46 MB

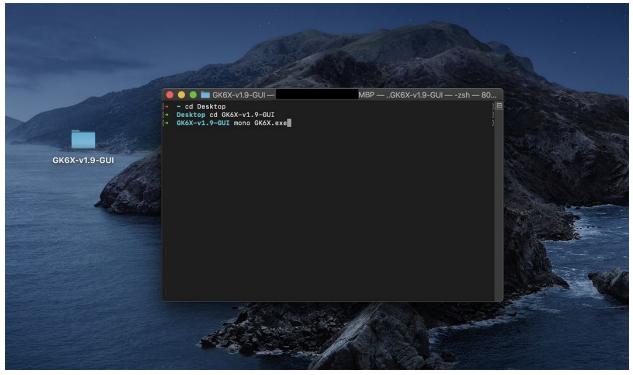
5. Click the file to begin the download, and put this file somewhere where you can access it regularly via CLI. In this case, we will put it on the desktop.

GK6X-v1.9-GUI	Certifical TOP HIT Terminal Onker terminal.dart terminal.test.dart terminal.handler_test.dart terminal.handler_stest.dart Terminology.jsx	> Terminal Version: 2.10	
		Kind Application Size 9.9 MB Created 3/09/19 Modified 10/06/20 Last opened 16/08/20	

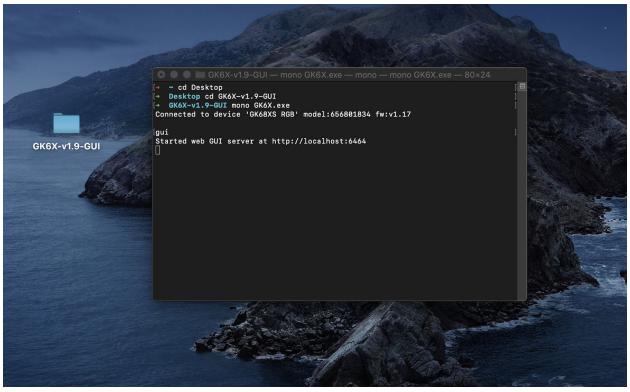
6. Press Command + Space and type "Terminal" into the search bar. Press "Terminal". This is where we will do our commands.



7. You want to make the current directory you put your driver folder you placed it in, in this case, we placed the GK68X folder on the desktop, so we type the command **cd Desktop**



- 8. When you are in the folder that has the folder for the driver inside, you want to then cd into that folder, you can do this by typing **cd GKX-XX.exe** (You can use "tab" to auto-complete).
- 9. When you are inside your driver folder, type **mono GK6X.exe.** You should then be shown that your keyboard is connected. (Make sure you're using the cable that came with the keyboard and that it is plugged in).



10. When you see that your device is successfully connected, you can then type **gui** to launch the program.



11. The language might launch in Chinese by default. You can change this above by clicking the flag and changing the option to English.

Software Tutorials

This section will show you how to use your GS66 for changing colours, macros and binds. In order for your keyboard to be detected by the software, it needs to be connected with the given USB-A to USB-C cable that came with the keyboard. Direct USB-C to USB-C connections will NOT work.

Lighting Section

This section was created for how to adjust the different lighting, create them and add them to onboard memory. It will also teach you how to upload and download the lighting effects so you can share them with your friends.

Creating an Lighting (.LE) Files

I am going to show you how to create a lighting file that you can use, share with other users. You can use these lighting effects on either the onboard memory of your Epomaker, or by using it in driver mode.

1. Launch the software with the keyboard connected in wired mode. The keyboard must use the cable given, or a USB-C to USB-A cable. The USB-A connection gives the ability

for the driver to interface and detect the software. You can use a dongle to connect your keyboard to a USB-C connection on a Mac.



2. Launch the software and select "LE Files", this is the section for creating lighting files. We will go back to the "Configuration" Section later when we want to apply the lighting.

SN						٠Ċ.	61-Mac			
						ւ:	JK-061-M	ac		
						٠ģ٠	GK96XS-	1		
						٠ċ.	Light Effe	ct 129		
						÷Ģʻ-	Rainbow	Matrix		1
				008000 0 128 0		÷Ģʻ-	Lignefe	ct 129_13		
				Hex R G B			Tuto			
+			_ ⊏>[Tutorial	+ Create		> +	٥		¥

1111

- 3. Click the "+" Button to add a lighting effect to the LE File Management Module.
- 4. Enter the name that you want to call the lighting profile that you want to create.

SN							٠Ö.	61-Mac
							٠ģ.	JK-061-Mac
							÷Ģ:	GK96XS-1
							٠Ģ٠	Light Effect 129
							÷Ģ-	RainbowMatrix
						008000 0 128 0 1	٠Ş.	Light Effect 129_130
						Hex R G B A		
+				Ð			R	. + 🗇 💼 ± ±
Soft	ersion: 6.0.0.30 Release Date	: 2020-05-12			GK6+ V6			©makebyself Powered By:makebyself

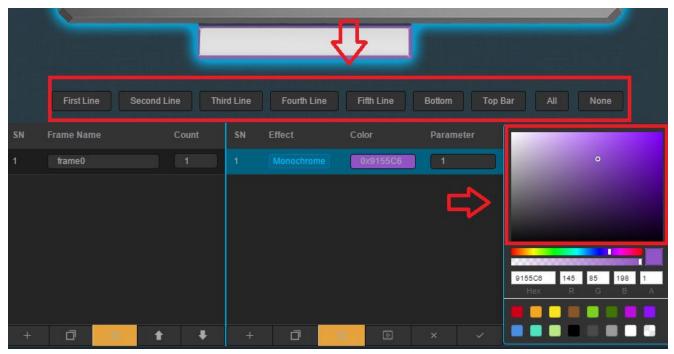
5. Click the Edit icon on the given lighting effect name you just made to start editing the RBG and effect.

You should be welcomed by the editor. Here you can add a lighting option by clicking the "+" Button, or delete using the trash can.

SN	Frame Name	Count		Effect	Color	Parameter	·	٠Ģ	61-Mac
1		1	1		0xff0000			٠Ģ.	JK-061-Mac
							and the second se	٠Ğ.	GK96XS-1
								٠Ģ	Light Effect 129
			Л					٠Ŏ	RainbowMatrix
							FF0000 255 0 0 1	٠Ģ.	Light Effect 129_130
		+ Monochrome		GB + Breatt	ning		Hex R G B A	Ŷ	
+	0	t t	+	٥				a	2 + 🗇 💼 ± ±

Clicking the "+" Button in the Effects section will result in the following options:

- Monochrome, which is a static colour.
- RGB, which is for a colour shift
- Breathing, for the lights to turn on and off.



6. Select a setting and then change the colour using the colour wheel. Select the keys on the keyboard you want the colour to use, or select from the buttons All, Top Bar, Bottom, Fifth Line. Them press the Effect to confirm the location you want the colour on. Make sure you do it in that order. In this case, I will make my keyboard a lavender purple and I want it to cover all the buttons. So I make my colour selection by pressing the effect, Press the "All" Keys, and then press the Monochrome effect again.

SN	Frame Name	Count	SN	Effect	Color	Parameter	-			
1	frame0	1			0x9155C6				0	
							-	Section		
							9155C8		35 198 G B	
+	ð 🚺 🕇	ŧ		đ						

7. Click the tick icon near the colour wheel to confirm what colour settings you want.

<u>ত</u> †		Configuration	ns - 炎: LE Files	Aacros					
Model: GS66 Firm Version									
	•	•	•	•	•	٠	•	•	
	ESC	! © #	\$ % 4 5	6		() 9 0		BACKSPACE	
			/ E R	TY		10	P [
	CAPS	A S	DF	G	НЈЈ	K		", ENTER	
	SHET	z X C	УВ	ENTER	N	м (;	?	SHIFT	
	CTRL	WIN ALT				RN .			
			í						
Light effect	Macice Blue	e ••• 💼 RGB •••	Dectral Cycle	e ••• 💼 Windm	ill 🚥 📋 🛛 Rair	nbow Waves 🚥			

- 8. Go back to the configurations tab, and then select your LE File you created.
- 9. Click View, then Apply and Save.

Edit Driver Layer Colours

The driver layer will only work when the device is in wired mode, so in order to edit the colours in the driver layer you can't use bluetooth.

 Launch the software with the keyboard connected in wired mode. The keyboard must use the cable given, or a USB-C to USB-A cable. The USB-A connection gives the driver to detect the software. You can use a dongle to connect your keyboard to a USB-A connection on a Mac.

Model: GS6 Firm Versio	65 RGB LED n: v1.16							
	•	•	•	•	•	•	•	•
	ESC !	⁽⁹⁾ [#] 3	\$ % 4 5		& * 7 8			BACKSPACE
	DEL TAB	a w	ER	T	YU	10	P [
	CAPS	S			HJ	KL		", ENTER
	SHIFT Z	XC	VB	ENTER		M (?	SHFT
	CTRL	AT				FN		
		ſ	-					
Light effe	ct: Macice Blue ••• [🖥 RGB 🚥 🛅	Spectra Cycle	•• 🔟 Wind	mill 👓 🚺 Rair	nbow Waves ***		
Standard	Layer 1 La	ayer 2 Laye	r 3 Driver 1	0	1			✓ Save

2. Click Driver 1 from the layers you can see above to access the Driver layer.

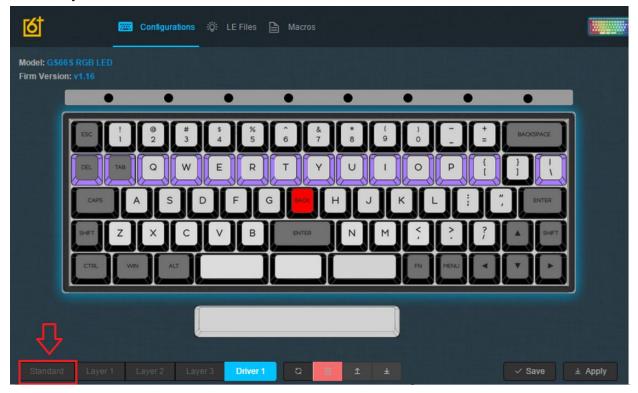
odel: GS665 RGB LED m Version: v1.16	Light Effect Setting (134)
SHEFT Z X C V B ENTER N M C C A SHEFT	LE Files Input keywords Q V Light Effect 129 V V Light Effect 129_130 V
	Tutorial

- 3. Click the side panel above, you will see different lighting effect options which you can press. Press any or create your own. You can see how to do this in "Creating a Lighting (.LE) File" above.
- 4. Click View, Apply and Save.

Add Onboard Lighting Effects

We're going to be adjusting the on-board lighting effects. You can access these effects by using FN + J Until you reach the effect you created.

 Launch the software with the keyboard connected in wired mode. The keyboard must use the cable given, or a USB-C to USB-A cable. The USB-A connection gives the ability for the driver to interface and detect the software. You can use a dongle to connect your keyboard to a USB-C connection on a Mac.



1. When the software is installed, please launch it and press the "Standard Layer".



2. Press on any of the Lighting effects you would like to change and select the lighting profile you would like to add.

	• •	•	Please select the light file	-
			GK96XS-1	
	2 3 4 5		洋 Light Effect 129	CKSPACE
DEL TAB	QWEF		⊱ RainbowMatrix	
CAPS	A S D F	G	连 Light Effect 129_130	DATER
SHET Z			≸ Tutorial	SHET
			洋 Lighting	
CTRL WA	ALT.		⊭ Vapour	
			← Cancel	
effect: Macice Blue ***	📋 RGB 👓 📋 Spectral Cy	cle ••• 🔲 Windmill	••• 🔲 Rainbow Waves ••• 🛄	

- 3. Click confirm to put that specific lighting configuration onto the on-board memory.
- 4. Click save, and then apply. Make sure you do this or it will not be on-board. The board backlight should turn for a second, and turn back on.
- 5. Click the **FN +]** until you find the desired effect you selected.

Want more effects for your Epomaker keyboard? You can make one yourself, or join our Discord that has many created by the awesome community: <u>https://discord.gg/YE8PbqF</u>. Feel free to submit your own, too!

Uploading Lighting "LE" Files

Uploading and downloading the files allows you to try other peoples configurations and also send it to other people.

1. Download the LE file you're going to use. In this case we used Matrix.le created by community member Saiyagene. (Head to the Discord to get more lighting effects).

esting Her of Ker					
					[•] Ḉ ⁻ GK68S-1
					[.] Ö. GK68S-2
					⁻ Ḉ- GK68S-3
SN Frame Name					[.] Ö [.] 61-Mac
					ີ່Ç [:] JK-061-Mac
				¢	·Ç- GK96XS-1
					'Ở' Light Effect 129
No Data					ʻൎŲ⁺ RainbowMatrix
				008000 0 128 0 1	·Č·Light Effect 129_130
					🔅 Tutorial
+ 🗇 🚺 🕯					
Soft Version: 6.0.0.30 Release Date	: 2020-05-12		GK6+ V6		©makebyself Powered By:makebyself

2. Select the upload button from the LE File Management module.

\leftarrow \rightarrow \checkmark \uparrow This PC \rightarrow Downloads				
Organize 🕶 New folder				
✓ Quick access ✓ Last week (1) ✓ Last week (1) ✓ Destop ✓ Downloads ✓ Downloads ✓ Documents ✓ Earlier this year (2)				
Image: A control with great (2) Image: A control with great (2) <t< td=""><td></td><td></td><td></td><td></td></t<>				
File name: Matrix.le	~	le(*.le) Open	Can	~ Icel

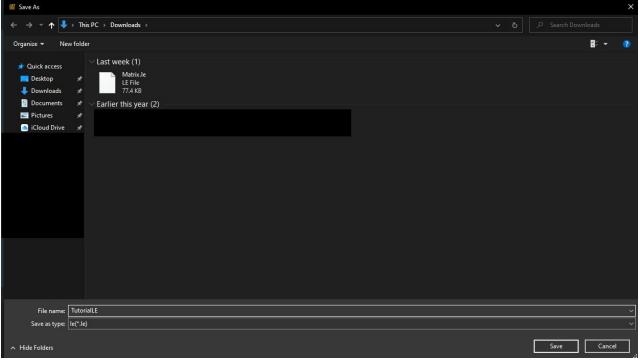
3. Find the location where you saved your file, and select the file and press open. You should then see the file in the LE File Management Module.

Downloading Lighting "LE" Files

Uploading and downloading the files allows you to try other peoples configurations and also send it to other people.

SN Frame Name Count	Parameter	-☆ GK68S-3 -☆ 61-Mac
		'ў: JК-061-Мас
		·
No Data		· 야 RainbowMatrix
	008900 0 128 0 1 Hex R G 5 A	** Light Effect 129_130 ** Tutorial
+ 0 1 + +	x ×	
Soft Version: 6.0.0.30 Release Date: 2020-05-12	GK6+V6	©makebyself Powered By:makebyself

1. Press the file you would like to download from the LE File Management Module and elect the download button as shown above.



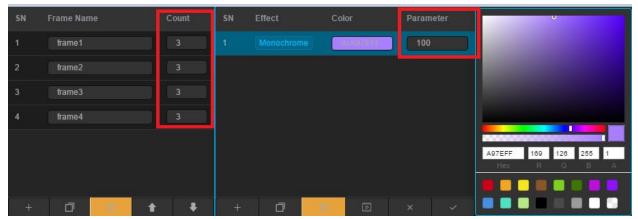
- 2. Enter your desired location and the filename.
- 3. Click Save. The file will now be saved in that location and can be shared.

Creating Frame Based Lighting Effects

These lighting effects will change with time. This gives you the option to change the different colours depending on the time. In this case, we're going to be turning this purple colour on and off between the different rows. This is a bit more of an advanced feature, so it might take a bit of getting used to.



1. Select the "LE Files" Tab. This is the location for editing all your lighting effects.



The frames will be the timing that different layers of effects will happen on the keyboard. The parameter will adjust the length and duration of your lighting effect. So the higher the value is for the parameter, the longer it will take for the keyboard to change the colour. For example, with the breathing effect, the light change will be slower, and for flashing the flash will be slower at higher values.



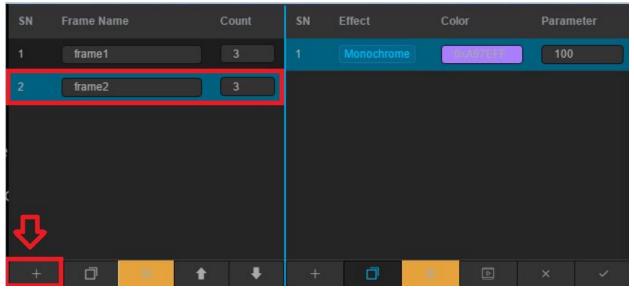
2. We will first start by selecting our first frame, and setting the count. The count is for how long the colour will stay on the board. We then will select "First Line" as we want the colour to show on the first row.

	ESC ! @ 2 DEL TAB Q CAPS A SHET Z X CTRL WN		% 6 R T F G B ENTER			Image: set in the set
iik heli	First Line Second	nd Line Third	d Line Fourth Line	th Line	Bottom Top Ba	ar All None
SN	Frame Name	Count	SN Effect		Parameter	
1	frame1		, Monocatione			A97EFF 169 128 255 1 Hex R G B A

1. We will then select the colour we want to add to that row. In this case, we will be using a single purple colour. But you can add multiple colours to your liking and layer them.

	-	0	• •	•	•	
	ESC ! @ 2 DEL TAB Q CAPS A	# \$ 3 4 W E S D	5 6	8 7 8 7 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		+ BACKSPACE
	SHET Z X	ALT			Y C C	? A SHET Image: Shet in the second s
	First Line Second	Line Thi	rd Line Fourth Li	ne Fifth Line	Bottom Top B	Bar All None
SN	Frame Name	Count	SN Effect	Color	Parameter	U.
1	frame1		4 Monochron	ne dozer/EFF	100	
2	frame2	3		仑		
+	0 1	r 🖡	+ 0		× v	A97EFF 169 128 255 1 Hex R G B A

2. If you're using a single colour, select your colour and then assign that colour to all the keys. We are going to be using frames to determine when those keys or specific rows turn on and off, but it will be the same colour.



3. We create our next frame and then rename it, we want to then select how long the frame is going to last by using the "count" variable.

	•	•	•	•	•	•	•		
	ESC ! @	# 3	\$ % 4 5	^ & 6 7	8		+	BACKSPACE	
			ER	TY		O			
	CAPS A	S D	F	G	НJ	ΚL	; []	ENTER	
	SHET Z X		∨ В	ENTER				SHET	
	CTRL	ALT				FN			
	A STATISTICS								
	First Line Seco	nd Line Ti	nird Line	Fourth Line	Fifth Line	Bottom	op Bar 🛛 🖌	All None	
SN	Frame Name	Count		Effect	Color	Parameter		U	
1	frame1	3	1		WAY/Ere	100			
2	frame2	3							

4. Select what the next frame is going to do, since we're going to be lighting up the rows on the keyboard sequentially, we're then going to make a new frame, rename it, then select the fourth line, make a new frame, assign it to the fifth line and so on.



5. By the end you should have the frames you want, you want to click the tick button to save the configuration to your lighting file. This can then be used on your keyboard.

6		Configurations	.②는 LE Files	Aacros				te se el c	
Model: GS66S RGB L Firm Version: v1.16									
	•	•	•	٠	•	٠	•	•	
ESC DEL DEL DEL CAP	Z	() () () () () () () () () () () () () (G LUCS		()))))))))))))))))))))))))))))))))))))	- + = P { { { { { { { { { { { { } } } } } } }	BACKSPACE	
		1							
Light effect: Macic	e Blue ***	💼 RGB 🚥 💼	Spectral Cycle	••• 💼 Windm	ill 🚥 🔟 🛛 Rair	bow Waves ***			

6. Go back to the configuration file to enable your new lighting effect on your keyboard.

Layout Section

The layout section is here to help people understand how to remap keys, edit their language settings and also set up a Mac layout, restore to default settings, and also understand what the different layers are and how they work.

Changing Keyboard Language Settings

This will help people who use different layouts than the typical US layout. You will need to order separate language keycaps that support your layout, however.

Windows

All Apps Documents Web More	•	<u>م</u>					
Best match							
A Language settings System settings		A字					
Settings		Language settings					
A [‡] Edit language and keyboard options	>	System settings					
A ^字 Add a language to this device	>						
📮 Cortana Language settings	>	ロ Open					
A [₱] Change the language that Windows features appear in	>	Get quick help from web					
Choose if websites can use your language list	>	Adding an input language Changing Microsoft Store region					
Search the web							
➢ language - See web results	>	Related settings					
Documents (2+)		Region settings					
Appre (1)							

1. Start by pressing your Windows key and searching "Language Settings"

rait while the language finishes installing. This could take a few
al Experience Packs to change the language Windows uses for on, menus, messages, settings, and help topics.
red languages
d websites will appear in the first language in the list that they . Select a language and then select Options to configure ds and other features.
Add a preferred language
English (United States) 🖈 🖸 🖟 📾 Default app language; Default input language
Options Remove
an input method to always use as dereting

2. Select your default language and click options. This section is for configuring your keyboard layout. In this case, I will change to the United States-Dvorak

Language pack
Language pack installed
Handwriting
No additional settings
Speech
Regional format
Windows formats dates and times based on this language Settings
Keyboards
+ Add a keyboard
QWERTY US

3. Click the "Add a keyboard" button

Language pack							
Langua	ge pack installed						
Ē	lrish QWERTY	-					
Ē	Scottish Gaelic QWERTY						
Ē	United Kingdom QWERTY						
P	United States-Dvorak DVORAK						
Ē	United States-Dvorak for left hand DVORAK L						
0	United States-Dvorak for right hand						
+	Add a keyboard						
ľ	US QWERTY						

4. Select your desired keyboard layout from this section. You can then change between these layouts using **Win + Space**.

MacOS

In this case, we will be adding the Dvorak layout to our MacOS keyboard preferences. This Mac is running MacOS Catalina.

Ć	Discord	Edit	View	Window	Help	
/	bout This M	ас				
5	System Prefe	rences		1 update		
	pp Store			5 updates		
F	Recent Items			►		
F	orce Quit Di	scord		୵ୢୄ୷୰୵		
5	Sleep					
	Restart					
	Shut Down					
	ock Screen			^╫Q		
L	.og Out			企業Q		
				A		
					- specific part of	

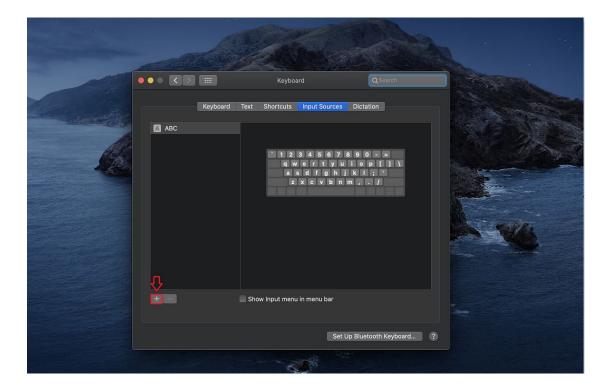
1. Go to the Apple Main Menu, and select "System Preferences"

			System Preferences			A State	
Caneta,	Apple ID,	iCloud, Media and App	Store	Apple ID	Family Sharing		
	General Desktop Screen Sa	esse & Dock ver	Mission Siri	Spotlight Language & Region	Notifications		
	Internet Accounts Apple P	Touch ID	Users & Accessibility Groups	Screen Time Extension	s Security & Privacy	Ar	n.
	Software Networ	< Bluetooth	Sound Printers & Scanners	Keyboard Trackpad	Mouse		
	Displays Sideca	Energy Da Saver	te & Time Sharing	Time Startup Machine Disk			
	Java						

2. When you are at the System Preferences screen, select "Keyboard".

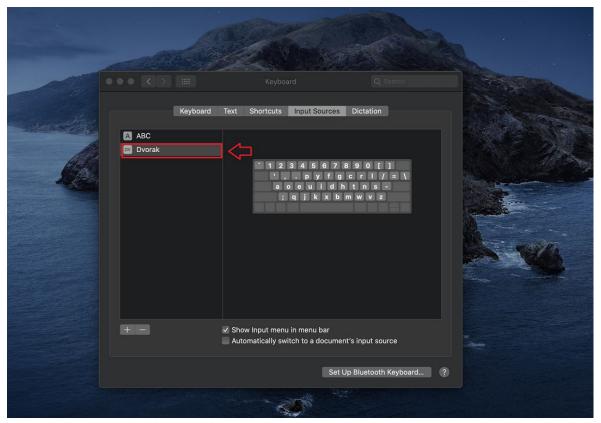
Keyboard Text Shortcuts Input Sources Dictation Keyboard Text Shortcuts Input Sources Dictation Key Repeat Delay Until Repeat Off Slow Fast Delay Until Repeat Image: Short Adjust keyboard brightness in low light Image: Short Short Short Adjust keyboard backlight off after 5 secs of inactivity Touch Bar shows App Controls Show Control Strip Press Fn key to Show F1, F2, etc. Keys Show keyboard and emoji viewers in menu bar	
Customise Control Strip Modifier Keys	
Set Up Bluetooth Keyboard ?	

3. Select "Input Sources" when you are at the Keyboard settings.



4. Select the "+" Symbol to add a keyboard input

091	000			Q Search	A State of the second
		Browse using langu English Ainu Albanian Arabic Armenian Assamese Azerbaijani Belarusian Bengali Bodo Bulgarian Q Search	age and select an input source to ad String - PC Canadian English Colemak Dorak Dorak Dorak - Left-Hande Dorak - QWERTY 3 Dorak - Right-Hand Link 1 2 3 4 5 6 1 2 3 4 5 6 2 0 y f a o e u i d 2 0 y k x	ed €	
	E	•	Show Input menu in menu bar	Û	
			s	et Up Bluetooth Keyboard	•



5. Select the keyboard layout you just decided to use - in this case we selected Dvorak.

Remapping A Single Key

Remapping keys is important, especially if you're looking at remapping the split spacebar module that you can exchange for the 6.25u standard keyboard. (Included with the GS66XS).

Model: GS66S RGB LED Firm Version: v1.16				
	F G UCC B ENTER			Construction Co
Light effect: Macice Blue •••• 🕅	ctral Cycle ••• 🔘 Winds	nill ••• 💼 Rainbov	w Waves ••• 🚺	✓ Save ★ Apply

 Select the layer you would like the button to be mapped to. In driver mode, the layer will only work when the keyboard is in wired mode, but the Driver Layer will not work on MacOS. Layer is for MacOS, however, and is an onboard Layer. Standard layer can not be remapped.

📟 Primary	🖬 Number Pad	🖸 Media	🛒 System/Net	l Mouse	🖨 Disable	🎒 Temp Laye	er Switch 🛛 🗏 Guidel 🗦
ESC	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS SL PB
• 1	2 3 4		7 8			Backspace	INS HM PU
Tab Q				O P			DEL END PD
Caps	A S D			< L		Enter	
LShift \	z x c		B N M			RShift	
LC LWin	LAIt		Space	RA	lt RWin M	enu RCti	
🤧 ć			~ + A	© View			

2. Make sure that you're on the proper layout for your Operating System. Press either the Windows or MacOS layout. If you're on Linux, you want to also stick with the Windows layout.

Model: <mark>GS</mark> Firm Versi	66 S RGB LED ion: v1.16						
	ESC 1 DEL TAB CAPS A	© # 5 2 3 4 0 W E 5 D	5 6 R T F G	Ф 7 8 9 7 U I Н J		BACKSPACE { } 1 , ENTER	
	SHET Z	Function : Press Light.	No Config		I C PENU		
Standar	rd Layer 1 Lay	yer 2 Layer 3	Driver 1	É Î		✓ Save	± Apply

3. Press the key on the animated keyboard that you would like to edit. In this case, We are going to be assigning the larger portion of the split spacebar as a Backspace button.

	• •	•	•	•			
Eso	! @	# \$ % 3 4 5	^ & 6 7	* (8 9		+ = BACKSPAC	
	TAB Q	WER	ΤY		O P		
	APS A S	DFG		JJK			
SHE	T Z X	СУВ	ENTER	N			HET
	RL WN ALT	Backspace			FN MENU		
Standard	ayer 1 Layer 2	Layer 3 Driver 1	a	Ţ Ŧ			± Apply
< 🛛 📟 Primary	🖬 Number Pad	🖸 Media 🖉 Sy	/stem/Net	🛿 Mouse 🛛 🧲	Disable	Temp Layer Switcl	n 🗐 Guidel >
ESC	F1 F2 F3	F4 F5	F6 F7	F8 F9	F10 F1	1 F12 PS	SL PB
· 1					+ B	ackspace INS	HM PU
Tab Q				0 P			END PD
Caps	A S D		JK			Emer	
LShift \	z x c		N M		/ RS	hift	1
LCtl LWin	LAIt	Space		RAIt	RWin Menu	RCti ←	$\downarrow \rightarrow$

- 4. Press the key that you would like to assign to the keyboard, in this case, we are assigning the Backspace. You will then see the button flash with the name of the key you just assigned.
- 5. Press Save, and then Apply.

Remapping A Key Combination

If you want to make a keyboard combination of your layout, you can do this to have more if you want to have more functionality on your board. In this case, we're going to map LCtrl + R to our Split spacebar.

Model: GS66S RGB LED Firm Version: v1.16					
ESC ! DEL TAB CAPS A SHET Z CTR VIN		F G LUZ		+ BACKSPACE	
Light effect: Macice Blue •••	RGB ••• 👘 Spect	ral Cycle ••• 🗻 Wind Driver 1 ସ	now Waves ••• 💼	✓ Save	± Apply

1. Select your layer, in this case, we are going to be adding our Key Combination to Driver 1,

Model: GS66S RG Firm Version: v1.1								
	• •	٠	•	•	•	•	•	
		# \$ % 3 4 5	^ & * 7	8 (9			BACKSPACE	
	APS A S	W E R	G BOOK	H J	K L			
		C V B	ENTER				A 947	
	RL WN ALT				FN MEN.			
Standard L	ayer1 Layer2	Layer 3 Driver	1 8	l t Ŧ			✓ Save	± Apply
< 📟 Primary	🖬 Number Pad	🖸 Media 🛛 🖳	l System/Net	l Mouse	🖨 Disable	🚺 Temp La	yer Switch	目 Guidel ⇒

Press the key on the animated keyboard that you would like to edit. In this case, We are going to be assigning the larger portion of the split spacebar as the combination LCtrl + R.

🖼 Primary	🖬 Number Pad	⊙ Media	🐺 System/Net	🛯 Mouse	🖨 Disable	🎒 Temp Lay	ver Switch	🗏 Guidel >
ESC	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS SL	РВ
	2 3 4	5 6				Backspace	INS HM	PU
Tab Q	WEF	R T		0 P			DEL END	PD
Caps	A S D	F G	HJK			Enter		
LShift \	Z X C		B N M			RShift		
LCtl LWin	LAIt		Space	RAI	t RWin M	lenu RCti		-
* 4	Combination: LC	tri 🔨	~ + R	View				
Soft Version: 6.0.0.3	30 Release Date: 2020-	05-12			GK6+ V6			

3. Select from this section what combination you would like to do. You need to select a main button from the dropdown and then a key from the virtual keyboard.

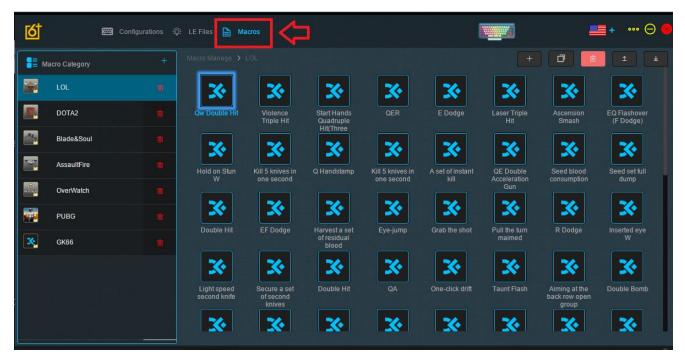
📟 Primary	🖬 Number Pad	⊙ Media	🖳 System/Net	🕒 Mouse	🖨 Disable	🎒 Temp Lay	ver Switch	🗐 Guidel >
ESC 😝	F1 F2 F3	F4	F5 F6 F	7 F8	F9 F10	F11 F12	PS SL	РВ
1						Backspace	INS HN	A PU
Tab Q				I O P	[]		DEL EN	D PD
Caps	A S D			KL		Enter		
LShift \	z x c		B N M			RShift		
LCtl LWin	LAIt		Space	RAI	t RWin M	lenu RCtl		_ →
* \$	Combination:	.Ctrl •	√ + R	© View				
Soft Version: 6.0.0.3	30 Release Date: 202	0-05-12			GK6+ V6			

4. Click View from the Combination Section, then Save and Apply.

Macro Tutorial

Macros

Creating a New Macro Category



1. Press the "Macros" tab at the top of the navigation bar to get to the Macro creator

<u>ত</u> †		🥅 Configurations 👸	E Files 🗎 Ma	acros						+ ···· (-) 6
. ∎≣ м	acro Category	+	Input Macro Packag	ie Namı +	Confirm					1 ±
	LOL	Û	*	*	*	*	*	*	*	*
	DOTA2	a	Qw Double Hit	Violence Triple Hit	Start Hands Quadruple	QER	E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
AL.	Blade&Soul		*	*	Hit(Three	*	*	*	*	*
	AssaultFire		Hold on Stun W	Kill 5 knives in one second	Q Handstamp	Kill 5 knives in one second	A set of instant kill	QE Double Acceleration	Seed blood consumption	Seed set full dump
8	OverWatch	D								
	PUBG		Double Hit	EF Dodge	*			Pull the turn	R Dodge	
	GK66	â			Harvest a set of residual blood	Eye-jump	Grab the shot	maimed	R Dodge	Inserted eye W
			*	*	*	*	*	*	*	*
			Light speed second knife	Secure a set of second knives	Double Hit		One-click drift	Taunt Flash	Aiming at the back row open group	Double Bomb
			*	*	*	*	*	*	*	*

2. Select the Plus Button by the Macro Category tag and give it a name. Then click confirm.

<u>6</u>	Configurations	谈: LE Files 🗎 Macros		
Macro Catego	ry + (CTutorial +	Confirm	+ 0
LOL		精制或制度的情		
DOTA2				
Blade&S	oul 💼			
AssaultF	re 💼			
OverWat	h 💼			
PUBG				
GK66				
Tutorial	0			

You will now see your Macro Category.

Creating a Macro

6		🧱 Configurations 🕯	ې: LE Files 🗎 Ma	cros			-	• ••• 🖯 🧧
	lacro Category		Macro Manage ゝ 1	Tutorial	Input Macro Name	+ Confirm > +	0	Î ±
-	LOL							
	DOTA2							
May	Blade&Soul							
	AssaultFire							
8	OverWatch							
	PUBG							
×.	GK66							
×.	Tutorial							

1. Click the "+" Button the the left and enter your desired Macro name, then press Confirm.

В≣ м	acro Category	+	Macro Manage > Tutorial			+	0	Í	¥
	LOL		×						
	DOTA2		Tutorial1						
<u></u>	Blade&Soul	a							
	AssaultFire								
	OverWatch								
	PUBG	a							
×.	GK66								
×.	Tutorial								
		Recordi	ng 🕨						
			1						
	ording delay				No Data				
	imum delay(5ms) 00 ms delay								
100									
Soft Ver	sion: 6.0.0.30 Release Dat	0.2020-05-12		GK6+V6			@makebyself1 Po	worod Byrma	kohveolf

2. You will now see the Macro appear in your selected Macro Category.

Recording a Macro

🚦 Ma	acro Category				+ 0 0	1 ±
	LOL	ġ	*			
	DOTA2	ø	Tutorial1			
<u></u>	Blade&Soul	Ċ				
	AssaultFire	Ø				
8	OverWatch	đ				9
	PUBG	a				
×	GK66	a				
8	Tutorial					
Macro N		Recordi	ing 🕨			
Tutoria			1			
Delay m						
	ording delay					
• 100	0 ms delay					
Soft Vers	ion: 6.0.0.30 Release Date: 2	020-05-12		GK6+ V6	©makebyself Powe	red By:makebyself

1. Click the Recording setting, this will then listen to key pressed and save them to your macro.

Macro Name		-	L		ш	i k
Tutorial1		G		ms		
		±	ч.			
Delay mode	~	C		ms		j.
Recording delay		±	"O"		Û	
Minimum delay(5ms)		<u> </u>				
1000 ms delay		G		ms		
		<u>+</u>	"O"			
Soft Version: 6.0.0.30 Release Date: 2020-05-12					GK6+ V6	©makebyself Powered By:makebyself

2. Record your keypresses. In this case, we recorded the key presses "H E L L O". You can then click the tick and it will confirm your macro selection.

Editing a Macro

6		📟 Configurations 🔅	🌣 LE Files 📔 Ma	acros	3	e l'aire ai	I			+ … () (
	lacro Category		Macro Manage 🗲							± ±
	LOL		*	*	*	*	*	*	*	*
	DOTA2	۵	Qw Double Hit	Violence Triple Hit	Start Hands Quadruple		E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
	Blade&Soul	Ó	*	*	Hit(Three	*	*	*	*	*
	AssaultFire	۵	Hold on Stun W	Kill 5 knives in one second	Q Handstamp	Kill 5 knives in one second	A set of instant kill	QE Double Acceleration	Seed blood consumption	Seed set full dump
8	OverWatch	10						Gun		
	PUBG		*	*	*	*	*	*	*	*
×	GK66	<u>(</u>	Double Hit	EF Dodge	Harvest a set of residual blood	Eye-jump	Grab the shot	Pull the turn maimed	R Dodge	Inserted eye W
			*	*	*	*	*	*	*	*
			Light speed second knife	Secure a set of second knives					Aiming at the back row open group	Double Bomb
			*	*	*	*	*	*	*	*
L										

1. Press the "Macros" tab at the top of the navigation bar to get to the Macro creator

6		🚟 Configurations 🖏	🔅 LE Files 🗎 Macro	3					-	• •••	Θ
🚦 Ma	cro Category	+						٥	i i		
	LOL	Ċ	× <								
	DOTA2	Û	Tutorial1								
<u>~</u>	Blade&Soul	â									
	AssaultFire	ġ.									
8	OverWatch	•									
	PUBG	8									
×	GK66	•									
×	Tutorial	B									
			► ±	"Н"							
			🔽 🗢	99 ms							
			<u> </u>	"H"							
Reco	ording delay		© ←	181 ms							
			±	"E"							
• 1000	0 ms delay		୯	119 ms							
				-							

2. Click the Macro you would like to edit, and click the pencil icon.

Assigning A Macro To A Key

<u>ত</u> †		Configurations	谈:LE Files	Aacros					
Model: GS66S RGB I Firm Version: v1.16									
	•	•	•	•	•	•	•	•	
ESC		[©] # 2 3	\$ % 4 5	6 8 7		(9 0		BACKSPACE	
DEL	TAB	Q W	ER	ТҮ	U	1 0	P {	}	
					НЈ	KL		", ENTER	
SHET	Z	X C	V В	ENTER	N	м (;	?	SHIFT	
CTR		ALT				- FN	MENU		
Light effect: Macic	e Blue ***	💼 RGB 🕶 💼	Spectral Cycle	•• 💼 Windm	ill 🚥 🔟 🤉 Rair	bow Waves ***			

1. Head to the configuration tab in the software.

Model: GS66S RGB LED Firm Version: v1.16	Light Effect Setting (134)
$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	LE Files Input keywords Q CLIght Effect 129 LOL DOTA2 Blade&Soul
Standard Layer 1 Layer 2 Layer 3 Driver 1 & 1 ± ✓ Save ± Apply	AssaullFire OverWatch PUBG GK66 C View
< 🚍 Primary 🗟 Number Pad 💿 Media 🐺 System/Net 🏙 Mouse 🗢 Disable 🔮 Temp Layer Switch 🗧 Guidel >	Tutorial , C

2. Head to the Macro section on the right and select the dropdown, in this section you will see the category you created.

Model: GS665 RGB LED Firm Version: v1.16	Light Effect Setting (134)
	LE Files Input keywords Q
	· ☆· Light Effect 129 · ☆· RainbowMatrix
	 Light Effect 129_130 Tutorial
	· 🄆 Lighting · Č· Vapour
Standard Layer 1 Layer 2 Layer 3 Driver 1 C 1 ± ✓ Save ± Apply	Tutorial 🤆 👁 View
C Primary Number Pad O Media System/Net Mouse Obisable Temp Layer Switch Guidel > ESC F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 P8 1 2 3 4 5 6 7 8 9 0 + Backspace INS HM PD	Macro Setting Tutorial Input keywords Q Tutorial1

3. You will see the macro you created, press on the macro, and then press on the key you would like to use it with, in this case we will run the macro on Right Alt.

Standard La	ayer1 Layer2 Layer3	Driver 1 C		✓ Save ± Apply	Tutorial 🔶 👁 View
< 🔤 Primary	🖬 Number Pad 🛛 🗿 Med	dia 🖳 System/Net 📓	Mouse 👄 Disable 📑 T		Macro Setting
ESC \varTheta			F8 F9 F10 F11	F12 PS SL PB	Tutorial 🗸 Input keywords 🔍
• 1			0 - + Del	ate INS HM PU	Tutorial1
Tab Q				1 DEL END PD	
Caps			L ; Retu		
LShift \			. / RShift		
LCtl LCmd		Space	ROpt RCmd Menu	RCtl ← ↓ →	Execute after 1 times to stop
12 🔹		∽ + Enter © V		Uiew	Btton release to stop Btton press again to stop Wiew
Soft Version: 6.0.0.3	80 Release Date: 2020-05-12		GK6+ V6		©makebyself Powered By:makebyself

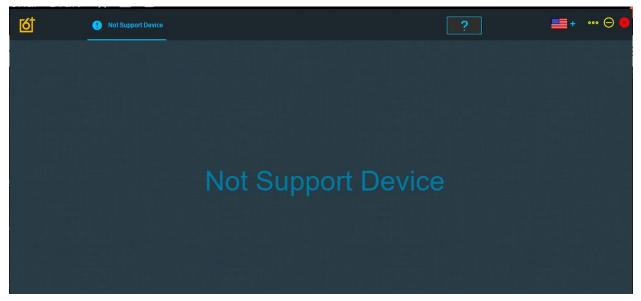
- 4. After selecting the key and the macro, click view and you will see the macros name flashing on the key.
- 5. Click Save and Apply.

Troubleshooting

Frequently Asked Questions

This section will answer some general questions that I have seen coming up in support threads and on the Discord. You can contact us via support@epomaker.com if you're still having issues

I see "Not Support Device"



In this circumstance, there could be a few things to look into to figure out why the computer isn't detecting the keyboard.

- Please check that you are plugging the device into a USB-A to USB-C with the given cable. This means that the keyboard DOES NOT directly support USB-C to USB-C connections or other connections such as PS/2. You can overcome this by using a dongle to connect to a Mac, but we can't ensure that a third party dongle will be supported.
- 2. If you see this try to reinstall the software, and then restart your computer and reinstall it again.
- 3. Try another USB-A port on the device, and if possible, try connecting it to another device to try and see if its a computer hardware issue or a problem with the keyboard itself.

Combination of the FN key + Another key

You cannot use the FN key to make combinations with other keys. The keys that are currently available to use as the base key for a combination include but are not limited to: LCtrl, LShift, LAlt, LCtrl + LShift, RCtrl + RAlt and so on. But the software uses the FN key for a bunch of combinations that are pre-defined so it is not available.

My Mac Delete key is not working

On MacOS, the "Delete" key is used as the Backspace Key. In this case, you need to make sure that your backspace isn't binded to the Windows backspace because your Mac will not detect it. We will go through how to make the delete key binded in the Layer 2 "Mac Layer" to fix this.

Model: GS66S RGB LED Firm Version: v1.16					
•	• •	• •	•	• •	
		% 6 7 8 7 8 R T Y U	U U U U U U U U U U U U U U U U U U U		
	السالي السال				
Standard Layer 1	ayer 2 Layer 3 Driv	ver 1 🔉 💼 1	±	✓ Save	± Apply
< 📾 Primary 🕅 Numbe	er Pad 💿 Media	🐺 System/Net 🛛 📓 Mou	se 😑 Disable	🕒 Temp Layer Switch	Guidel

1. Select Layer 2 for the MacOS layer. Here, you will see that the Command and Option keys are swapped the right way around by default.

ESC G F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 PS S1 ' 1 2 3 4 5 6 7 8 9 0 - + Delete INS H1 Tab Q W E R T Y U I O P [] \ DEL EN	
	РВ
	M PU
	D PD
Caps A S D F G H J K L ; ' Return	
LShift A Z X C V B N M , . / RShift f	
LCT Cmd LOpt Space ROpt RCmd Menu RCt + 1	
Combination: LCtri V + A @ View	

1. Select the Apple mode of keyboard from the selection. Here, you should see the familiar layout for MacOS.

Image: Configurations ⇒ LE Files Image: Macros	i 🌉 ⊖ ●
Model: GS665 RGB LED Firm Version: v1.16	Light Effect Setting (134)
$\begin{bmatrix} \mathbf{z} & \mathbf{z} & \mathbf{z} \\ \mathbf{z} $	
	LE Files Input keywords Q
	·◊ Light Effect 129_130 ·◊ Tutorial ·◊ Lighting ·◊ Vapour
Standard Layer1 Layer2 Layer3 Driver1 C 1 ± Apply	Tutorial 🔷 🖉 View
C Image: Number Pad Image: Network of the second seco	Macro Setting Tutorial Input keywords
LCti LCmd LOpt Space ROpt RCmd Menu RCti ← ↓ →	Execute after 1 times to stop Bitton release to stop Bitton press again to stop

- 2. Select the Delete key in the keyboard, you should see it flashing on the animated keyboard that you binded it.
- 3. Press Save, Then Apply.

My GK6X Plus Driver is in Chinese

6	📟 功能	\$1置 淡 : 灯效	库 🕒 宏管理							+ … 🖯 🍯
机型: GS66S RC 固件版本: v1.16										
	•	•	•	•	•	• •	•			
	ESC ! @ 2	# 8 3	%		* (9		+ BACKSPACE			
ĺ	DEL TAB Q	W	R	Гү	UII	OP				#FF0000 < [5]
Ĩ	CAPS A	S D	FG	BACK H		K L ;	", ENTER		灯效库 输入关键词	
	SHET Z X			ENTER	NM		? A SHET		°Ö́° Light Effect 129	
		ALT				EN MENU			Ý RainbowMatrix	
							لكالكالك		·☆· Light Effect 129_130	
								°Ç [⊷] Lighting		
		×							·ở́· Vapour	
标准层 制	版载层1 板载层2	板载层3	驱动层 <mark>1</mark>	0			✓ 保存	± 应用		● ● 预览
■ 基础功能	■ 数字键区	◎媒体	■系統网络	🖹 鼠标	●禁用	🛢 层瞬时开关	目 使用说明		■宏设置	

Sometimes, when the driver is launched, it will display in the default language which is Chinese. In this case, we can change it easily by going to the flag in the top right of the software and changing it to English.

I can't seem to press anything on my MacOS screen

Your device possibly has too small of a display or too small of a resolution that results in the software being too zoomed in. In this case, you can try changing your default browser, zooming out or connecting a larger monitor.

My Keyboard is not showing up in my Bluetooth

You need to make sure that when you're pressing for it to pair that you hold down the combinations and make sure they flash a red-green. This means that the device is in pairing mode. It should not just flash the standard "Blue" or it means it's trying to pair to a device it already has previously, or has timed out on trying to connect. You need to make sure the battery is charged using the given cable (Please do not try to charge with USB-C to USB-C. It will NOT work). Moreover, make sure your device is actually wireless - it should either have an "S" at the end of the model or an "XS".

How do I check my battery and what does the indicator mean?

You can check your battery using **FN + LEFT Alt**. **The battery indicator works as follows:** Flashing Red = Low battery, the Bluetooth will possibly not work to save power. Green-Yellow = Charging, not at a sufficient level No light = Your battery is at a fine charge or is full.

My Left-Alt is stuck at an orange-yellow colour

This is the battery indicator, with the levels described above. You just need to press **FN + Left Alt** for it to go back to the colour you have chosen.