

**Extended Manual** 

## Comments by Epomaker

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

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## Unboxing

#### What is included in the box

Epomaker GK68XS (Plastic Version)



\*Note\* some items might be different from the picture depending on availability and what tier you ordered.

- 1. Epomaker GK68XS (Plastic)
- 2. Epomaker Keycap Set
- 3. Epomaker GK68XS Manual
- 4. USB A to USB C Braided Cable (1.5m / 4.9ft)
- 5. Split Spacebar Module
- 6. 3 Piece Split Spacebar Module Key caps
- 7. 3 Switches
- 8. Keycap & Switch Puller
- 9. 5 Mac Keycaps

#### Epomaker GK68XS (Aluminium Version)



\*Note\* some items might be different from the picture depending on availability and what tier you ordered.

- 1. Epomaker GK68XS (Plastic)
- 2. Epomaker GK68XS Manual
- 3. Epomaker Keycap Set
- 4. USB A to USB C Braided Cable (1.5m / 4.9ft)
- 5. Split Spacebar Module
- 6. 3 Piece Split Spacebar Module Key caps
- 7. 3 Switches
- 8. Keycap & Switch Puller
- 9. 5 Mac Keycaps
- 10. Felt Carrying Case

#### **Item Descriptions**

#### **Epomaker Manual**

The Epomaker manual has been designed to tell you information regarding the keyboard, this is including but not limited to:

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

To see more information check out the Manual Online here: <u>https://cdn.shopify.com/s/files/1/0280/3931/5529/t/2/assets/GK68-Epomaker.pdf?v=8000338657</u> 623108026

#### Keyboard Information

#### These keyboard dimensions are for the Epomaker GK68X/XS.

#### Keyboard Specifications

KEVS	68
BACKLIGHT	RGB Backlight, supports 16.8 million colors
HOT-SWAPPABLE OPTION	Yes
SWITCH TYPE	Gateron Mechanical or Cherry Mechanical
CONNECTIVITY	Wireless or Wired mode
BLUETOOTH VERSION	5.1
COMPATIBLE SYSTEM	Mac/iOS/Windows/Android
KEYCAPS	With keycaps for both Mac and Windows OS
CHARGING PORT	USB Type-C
BATTERY CAPACITY	1900mAh
MUC	32-bit MCU
FLASH	Built-in 8M Flash
MATERIAL	Plastic/Aluminium +PBT
USB TYPE-C CABLE	1.5 meter

#### **Keyboard Dimensions**



#### **Keycap Dimensions**

The split spacebar is 2.75u, 2.25u, and 1.25u. The Page Up is Row 3, the Page Down is Row 4, Right Shift is 1.75u, and Right Alt, Fn, and Ctrl are 1u.



# 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 GK68 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	•	جې
Best match		
Bluetooth and other devices settings System settings		
Settings		Bluetooth and other devices settings
8 Find and fix problems with Bluetooth devices	>	System settings
ප් Airplane mode	>	ビ Open
🖓 Dynamic lock	>	
��) Turn mono audio on or off	>	Get quick help from web
Search the web		Fixing Bluetooth connections
bluetooth - See web results	>	Sharing files over Bluetooth Reinstalling Bluetooth drivers
Documents (1+)		
		Related settings
Deluctooth and other devices settings		

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



8. Select the "GK68XS KB" From the selection



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.
- 2. 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.

Bluetooth	On >
<ol> <li>Select "Bluetooth" from the Settings. Make sure it is on.</li> <li>Make sure that your device is considered discoverable.</li> </ol>	
OTHER DEVICES	

GK68XS KB

7. Press "GK68XS KB" to connect to your Epomaker GK68XS.

<b>&lt;</b> Settings	Bluetooth	
Bluetooth		
Now discoverable	as "iPhone".	
MY DEVICES		
GK68XS KB		Connected (i)
When your device is connect	ed to your iPhone, it should show as	"Connected".
<b>&lt;</b> Bluetooth	GK68XS KB	
<b>〈</b> Bluetooth	GK68XS KB	
<b>C</b> Bluetooth	GK68XS KB	
Connect Forget This Dev	GK68XS KB	
C Bluetooth Disconnect Forget This Deviation	GK68XS KB	
Connect Forget This Dev	GK68XS KB	

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.

	৭ Bluetooth File Exchange	ł	
19	TOP HIT Bluetooth File Exchange		
- and the	SYSTEM PREFERENCES Bluetooth Koubsord	•	
	Network  DEFINITION		
1 de la	Bluetooth BOOKMARKS & HISTORY	Bluctooth Eilo Evehando	
	Epomaker GK68XS Billetooth Mecha  SIRI KNOWLEDGE      Bluetooth	Version: 7.0.6	
	Bluetooth Low Energy     Bluetooth profile	Kind Application	
	SIRI SUGGESTED WEBSITES  Sluetooth.com	Size 1.2 MB Created 17/09/19 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).
- 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 "GK68XS KB" in the Bluetooth devices. Press "Connect"



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 GK68

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
	Compatibility:	Windows 10
DOWNLOAD	Compatible Products:	Epomaker SKől, Epomaker SKőlS, Epomaker SKől, Epomaker SKőő, Epomaker SKőőS
	With the SK6XPlus software memory all the functionality	e you will be able to create, control and save into the keyboard's of your keyboard, including RGB Light effects, Macros, And any othe
	oustomizations that you mig operating systems.	ant desire. Changes applied in the solitivate are carried on to outer
	operating systems.	pooard Software
	GK6X Keyk	board Software
	oustomizations that you mile operating systems. GK6X Keyk Driver Version: File Extension:	board Software
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DownLoad	outionizations that you mile operating systems. Driver Version: File Extension: Compatibility: Compatibility:	Dooard Software 0.0030 EXE Windows 10 Epomaker GK68X, Epomaker GK68XS
Download	outomizations that you micro operating systems:	Docard Software 0.0.30 EXE Windows 10 Epomaker GK08X, Epomaker GK08XS e you will be able to create, control and save into the keyboard's

10/07/20

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

Shipping & Handling	Soft	ware Downle	oads
Return Policy			
		SK6X Keyl	board Software
Warranty & Support		Driver Version:	6.0.0.20
		File Extension:	EXE
Software Downloads		Compatibility:	Windows 10
Product Guides	DOWNI	Compatible Products:	Epomaker SK61, Epomaker SK61S, Epomaker SK64, Epomaker SK66, Epomaker SK66S
		With the SK6XPlus softwar memory all the functionalit customizations that you m operating systems.	e you will be able to create, control and save into the keyboard's y of your keyboard, including RGB Light effects, Macros, And any other ight desire. Changes applied in the software are carried on to other
		GK6X Kev	poard Software
	96666666	Driver Version:	6.0.0.30
		File Extension:	EXE
		Compatibility:	Windows 10
	DOWN	Compatible Products:	Epomaker GK68X, Epomaker GK68XS
		With the GK6XPlus softwa memory all the functionalit customizations that you m operating systems.	re you will be able to create, control and save into the keyboard's y of your keyboard, including RGB Light effects, Macros, And any othe ight desire. Changes applied in the software are carried on to other
		Quickstart Guide	
GK6XPlus Driver6.0zip			Show all
PC > Desktop > Epomaker Dri	iver >	~ C	Search Epomaker Driver
	Date modified	Type Size	
GROAPIUS DIIVEI0.0.0.30.EXE.	Open	21p Archive	SU KB
	7-7in		
	CRC SHA	> Open archive	
	Edit with Notepad++	Extract files	
	Scan with Windows 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.



Ø 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 mor	e information about how to	install and configure you	ur Mono environment.
🛃 Download Moi	no 6.10.0 (Visual Studi	o channel*) 🕹 Dov	vnload Mono 6.10.0 (Sta	ble channel)
Supported on macOS	10.9 and later. Check	the uninstall instructions if	you want to remove Mor	no from your Mac.
* We recommend this the Visual Studio char	package if you're usin nnel releases.	g Visual Studio for Mac sind	ce the stability of Visual S	Studio for Mac is only guaranteed with

#### 2. Click to download the "Stable channel"

	Welcome to the Mone Fremowerk Installer		
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	roduction d Me ence tination Select allation Type allation nmary	You will be guided through the steps necessary to software.	roduction       You will be guided through the steps necessary to install this software.         d Me       software.         ence       software.         utination Select       allation         allation       software.

- 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	GK6X-v1.9 pixeltris released this 9 days ago
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 keyboards can't set lighting on layers 1-3. To fix this edit /driver/device/YOUR_MODEL_ID/config.json and change "hasModeLe": false, to "hasModeLe": true,
	- Assets 4
	© GK6X-v1.9-GUL.zip 53.6 MB
	The second se
	[a] Source code (zip)

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	Correntinal         Torreninal         OTHER         Iterminal.dart         terminal.test.dart         terminal_handler_test.dart         Terminology.jsx	> Terminal Version: 2.10	
		Kind Application Size 9.9 MB Created 309919 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.

🚺 🔤 Configurations 🔅 LE Files 🗎 Macros		
Model: GK88XS RGB Firm Version: 0		Light Effect Setting ( 144 )
1 2 3 4 5 6 7 8 76 Q W E R T Y U I	( ) - + · MOSPAC 9 0 - + · MOSPAC 0 P ( ) / De	
SHET Z X C V B N M		
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Caps A S D F G H J K I		
LShift \ Z X C V B N M ,		
LCtl LWIn LAIt Space		
Combination: Lotel V + A • View		Execute after 1 times to stop     Etiton release to stop     Etiton press again to stop     View
Soft Version: 6.0.0.32 I Release Date: 2020-07-25	GK6+ V6	©makebyself   Powered By:makebyself

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 GK68XS 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.

 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.



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	Frame Name	Count	SN	Effect	Color	Parameter		÷Ģ:	61-Mac
								٠Ġ٠	JK-061-Mac
								-;Ċ:-	GK96XS-1
								ţ.	Light Effect 129
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							008000 0 128 0 1	٠Ŏ.	Light Effect 129_130
							Hex R G B A		
+								Q	. + 🗇 💼 ± ±
Soft V	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	SN	Effect	Color	Parameter		∵Ö. 61-M	ac
1		1	1		0xff0000		-		61-Mac
							and the second se	<sup>.</sup> Ö́. GК96	iXS-1
								∵Ö: Light	Effect 129
			Л					<sup>.</sup> ં¢ <sup>.</sup> Rainl	bowMatrix
							FF0000 255 0 0 1	ʻÖ́∙ Light	Effect 129_130
		+ Monochrome		BB + Breath	ling		Hex R G B A		
+	0	<b>t +</b>	+	٥		× ✓		Q -	+ 🗇 💼 ± ±

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.

	0	5	0		0	0		0	0		0	0	
	ESC	1	@ 2	#	\$% 45	6	& * 7 8	(9	) 0	. :	2	BACKS	PACE
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								,	1				
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Fram	first Line Name me0	Sec	cond Line C	t T count	hird Line SN 1	Fourth Effect Monochr		Fifth Line olor 0x9155C6	Bottom Param	Top eter	Bar	AII	None
Fram	First Line ne Name me0	Sec	cond Line C	t T	hird Line SN 1	Fourth Effect		Fifth Line olor 0x9155C6	Bottom Param	eter	Bar	AI	None o
Fram	First Line Name me0	Sec	C	e T	hird Line SN 1	Fourth Effect Monochr		Fifth Line olor 0x9155C6	Bottom Param	eter	Bar	AI	None o

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		o
							9155C6 145 85 198 1
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+	ð 🚺 🕇	÷		0			

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

হ্ব	Configurations	🔅 LE Files 🗎 Ma			····· • • •
Model: GK68XS RGB Firm Version: v1.17					Light Effect Setting ( 132 )
	! @ # 1 2 3	\$ % ô 4 5 6	¢ 7 8 9 0		
CAPS	A S Z X	R I Y D F G H C V B	U I O I J K L N M <sup>c</sup> , <sup>2</sup>	P [ ] DEL ] , DNTER PU = ? , SHIT <b>1</b> PD	LE Files Input keywords Q · · · · · · · · · · · · · · · · · · ·
CTR.	WN AIT				·◊       GK96XS-1         ·◊       Light Effect 129         ·◊       RainbowMatrix
Standard Layer	1 Layer2 La	yer 3 Driver 1 C	2 📧 Ŧ ¥	∽ Save ±	·◊*     Light Effect 129_130       ·◊*     Tutorial       Apply     Tutorial

- 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.

Image: Standard     Image: Standar	Model: GK68	XS RGB								
Image: Second		•	•	0	0	0		0	0	
Standard Layer 1 Layer 3 Driver 1 C 1 ± ✓ Save ± Apply		CAPS	<pre>     # 2 3      W E A S I Z X N AJ </pre>	\$ % 5 R T C V	ê 7 Y L B N	* (9 J I / J K M <	) - 0 P L ;; ?; Alt R	+	ER PU	
	Standard	Layer 1	Layer2: Lay	er3 Driver	1 a	1 1	∗	(	✓ Save	± Apply

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



- 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 + ]** 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.

Model: GK	68XS RGB	e kina kana kana kana kana kana kana kana				iild läitu ita aatti		i si na kana ka si n
Firm Versi	ion: v1.17							
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₽								
Standar	d Layer 1	Layer 2 Lay	er 3 Driver 1	0	1 1 ·	Ŧ		✓ Save ± Apply
< 📟 Pr	imary 🗖 Num	iber Pad 📀	Media 💻		Mouse	😑 Disable	📑 Temp Lay	ver Switch 🛛 🗐 Guidel >

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

Model: GK68 Firm Version	XS RGB r v1.17																
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	TAB	Q	w	E	R	т	Y	U	1	0	P	{	}		I 1	DEL	
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	SHIFT		z	×	с	V	в	N	М	< ,	>.	?	54	т	+	PD	
	CTRL	WN	ALT								ALT	FN	MENU	ŀ	ŀ	ŀ	
Light effect	GK68S-2 •	•• 🗊	RGB •••	🔟 Sr	ectral Cyc	:le 👓 🚺	Wind	imill •••	💼 Ra	inbow <sup>1</sup>	Waves ••	•					
Standard	Layer 1	La	yer 2		r3 D		0		Ţ	Ŧ					✓ Save		Ł Apply

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	
ESC !	© # 1	%	<u>^</u>		BACKSPACE
	2 3 4		0 7	拳 JK-061-Mac	
TAB: Q	WE	RT	Y	章 GK96XS-1	
CAPS A	SD	F	GН	拳 Light Effect 129	
	z x	c v	BN	拳 RainbowMatrix	t PD
				拳 Light Effect 129_130	
				🕸 Tutorial	
				← Cancel ✓ Confirm	
GK685-2 ***	RGB *** TT Sn	ectral Cycle 🐽	•	Rainhow 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> and head to #software-configurations. 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).

nd a little the state of the st					
		Construction of the local division of the lo			<sup>.</sup> ℣΄ GK68S-1
시 22년 11월 13년					·ÿ- GK68S-2
					ିଫ୍ GK68S-3
SN Frame Name					∵Ö∕ 61-Mac
					`Ḉ• JK-061-Mac
					·Ở GK96XS-1
					🔆 Light Effect 129
No Data					∵Ç <sup>⊷</sup> RainbowMatrix
				008000 0 128 0 1	Ý Light Effect 129_130
				Hex R G 5 A	
+ 0					
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.



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.

							ţ.	GK68S-1	
							ţĊ.	GK68S-2	
							÷Ģ.	GK68S-3	
SN Frame Name							٠Ċ.	61-Mac	
							ţ.	JK-061-Mac	
							ې ۲	GK96XS-1	-
							ţ.	Light Effect 129	
							ţ.	RainbowMatrix	
						008000 0 128 0 1	÷.	Light Effect 129_130	п
						Hex R G B A			
+ 0							0	. + 🛛 🧯	1 ±
Soft Version: 6.0.0.30	Release Date: 2	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.

ố Save As		×
← → * ↑	$\rightarrow$ This PC $\rightarrow$ Downloads $\rightarrow$	
Organize 🔻 Nev	folder	8 - ()
<ul> <li>✓ Quick access</li> <li>✓ Desktop</li> <li>✓ Downloads</li> <li>※ Documents</li> <li>※ Pictures</li> <li>✓ icloud Drive</li> </ul>	<ul> <li>✓ Last week (1)</li> <li>Matrix.le LE File 77.4 KB</li> <li>✓ Earlier this year (2)</li> </ul>	
File name:	TutorialLE	~
Save as type:	e(*.le)	Ý
∧ Hide Folders		Save Cancel

- 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.

থ্		Configurations	🔅 LE Fil	es 🖹 Macros					
	•	•	•	•	•	•	•	•	
	ESC	! © # 1 2 3	\$ % 4 5	6 7	* ( 8 9	) -	+ .	BACKSPACE	
	TAB	Q W E	R	ТҮ	UII	P	{ } [ ]	I DEL	
	CAPS	A S	DF	GН	JK	L ;		ENTER	
	SHET	z ×	С	VBN	M <sup>&lt;</sup>	2	SHET	t PD	
	СТЯ.	WIN ALT				ALT FN	MENU		ł
	₽								
	First Line	Second Line	Third Line	Fourth Line	Fifth Line	Bottom	Top Bar	All Nor	10
SN	Frame Name	Count	SN	Effect	Color	Paramete	er 👘	U	
1	frame1	3	1		CHARTERS	100			
	Û	4							
							A97E	EFF 169 126 ex R G	255 1 B A
	D	1 1 I		ð			× 1		

1. 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.

<u>ত</u> †	Conf	igurations 🛛 👸	LE Files 🗎 Macros				
		# \$ 4 W E S D X C	%		) — + 0 — = P { [ . ; ; ; ; }	BACKSPACE	
	First Line Second	Line Third	I Line Fourth Line	th Line	Bottom Top B	ar All None	
	Frame Name	Count	SN Effect	Slor	Parameter		
1	frame1	3		Overent .	100	1000	
			+ 3			A97EFF 169 126 Hex R G	255 1 B A
Soft Ver	sion: 6 0 0 30   Release Date	: 2020-05-12			GK6+V6		

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

6		<b>6</b> c	Configura	ations 式	🌾 LE Fil	es 🗎	Macros				a 				Tini	
	-				•		•									
		!	@ 2	# \$ 3 4	%	Â	& 7	*	(9	) 0	-	+=	-	BACKSP	PACE	
	TAB	Q	w	E	R	TG	Y H	J	I K	O I		; ;	ENTE		DEL	
	SHET		Z	×	с	V В	N	1	1	; >	?	SH	FT	Ŀ	PD	
	CTRL	WN	ALT							ALT	FN	MENU	Ŀ	<u> </u>	Ŀ	
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	First Line	Seco	ond Line	e Th	ird Line	Four	th Line	Fi	fth Line	Botto	om	Top Bar		All	None	
SN F	rame Name		C	ount	SN	Effect		Col		Pa	rameter			, i	U	
	frame1				4				MB/AR		100					
2 (	frame2			3				Û					A97EFF Hex	169 R	128 G	255 1 B A
	đ		<b>†</b>	ŧ		٥						~				

3. 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.

SN	Frame Name		Count	SN	Effect	Col	lor	Param	eter
1	frame1		3	1		e 🦲	MARTER.	100	
2	frame2	)	3						
¢									
₽									
+	D	1	ŧ <b>ŧ</b>	+	0	100	D	×	~

4. 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 1	© # 2 3	\$ % 4 5	^ & 6 7	* ( 8 9	) — 0 —	* *	BACKSPACE
TAB	Q W E	R T	Y	Ĵ Î Î	0 P {		DEL
CAPS	AS	F	GН	JK	L ;	", ENTER	RU .
SHET	z x	c v	BN	м <	??	SHET	1 90
CTRL	WN ALT				ALT FN	MENU	
	₽ [						
First Line	Second Line	Third Line	Fourth Line	Fifth Line	Bottom	Top Bar All	None
Frame Name	Count	SN E	ffect	Color	Parameter		U
frame1	3	1 1		M/A9/EFE	100		
frame2							

5. 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.

	•	٠	٠	•	٠	•		•	•
	First Line	Q W E A S Z X WW ALT	4 5 R D F C Third Line	G H V B Fourth Line		) O P L ; ; ; ;	- + = [ [ ] ] [ ] / / / / / / / / / / / / / / / / / /	SHET	BACKSPACE DEL PU PU TO TO TO TO TO TO TO TO TO TO TO TO TO
	Frame Name	Count	SN	Effect	Color	Param	eter		U
	frame1		1		0.8975	100			
2	frame2								
3	frame3								
4	frame4								
	frame5							A07555	180 128 255
							₽	Hex	R G B

6. 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.



7. 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 <sup>字</sup> Edit language and keyboard options	>	System settings
₄ <sup>≇</sup> Add a <b>language</b> to this device	>	
Cortana Language settings	>	ロ Open
A <sup>≇</sup> Change the language that Windows features appear in	>	Get quick help from web
A Choose if websites can use your	>	Adding an input language
		Changing Microsoft Store region
Search the web		
D language - See web results	>	Related settings
Documents (2+)		Region settings
Apps (1)		

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

egion	Please wait while the language finishes installing. This could take a few minutes.
anguage	
peech	Use Local Experience Packs to change the language Windows uses for navigation, menus, messages, settings, and help topics.
	Preferred languages Apps and websites will appear in the first language in the list that they support. Select a language and then select Options to configure keyboards and other features. Add a preferred language
	English (United States) Default app language; Default input language ↑ ↓ Options Remove
	Choose an input method to always use as deput

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

命 Language options: English (United States)
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

Lang	uage pack
Langua	ge pack installed
ľ	Irish   QWERTY
Ē	Scottish Gaelic QWERTY
Ē	<b>United Kingdom</b> QWERTY
<b>_</b>	United States-Dvorak DVORAK
P	United States-Dvorak for left hand DVORAK L
<b></b> 0	United States-Dvorak for right hand
+	Add a keyboard
Ē	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
At	bout This M	lac			
Sy	/stem Prefe	rences		1 update	
Ap	op Store			5 updates	
Re	ecent Items				
Fo	orce Quit Di	scord		ጚኇቘኯ	
SI	eep				
Re Sł	estart hut Down				
Lo	ock Screen			<b>ож</b> ^	
Lo	og Out			企業Q	
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1. Go to the Apple Main Menu, and select "System Preferences"

				System Pr					
	$\langle \rangle$	Apple ID, iClou	ıd, Media and	App Store			Apple ID	Family Sharing	
K	File New One General	Desktop & Screen Saver	osao Dock	Mission Control	Siri	Spotlight	Language & Region	Notifications	
	(O) Internet Accounts	Wallet & Apple Pay	Touch ID	Users & Groups	Accessibility	Screen Time	Extensions	Security & Privacy	
	Software Update	Network	Bluetooth	Sound	Printers & Scanners	Keyboard	Trackpad	Mouse	
	Displays	Sidecar	Energy Saver	Date & Time	Sharing	Time Machine	Startup Disk		
	<mark>کی</mark> Java								

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

Keyboard     Keyboard     Keyboard     Keyboard     Keykepeat     Delay Until Repeat     off Slow     Fast        Off Jobard     Keykepeat     Delay Until Repeat     off Slow     Fast        Off Jobard     Fast        Output:     Turn keyboard brightness in low light        Turn keyboard backlight off after     5 sees   O finactivity	
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





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 GK68XS).



 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.



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.

হ্ব	📟 Configura	ations 🔅 LE Files	Aacros			
Model: GK68XS RGE Firm Version: v1.17	• •	•	•	• •	• •	
Esc	! @	# \$ % 3 4 5	& 5	* ( ) 8 9 0		
TAB	Q W	E R T	ч U G H J	IOP KL;	t j t	DEL PU
Sł	Z	хсv	BN	м < ?	? SET 1	PD
CTRL	WIN ALT					
		-				
Standard	er 1 Layer 2	Layer 3 Drive	1 0	Ţ Ŧ	√ Sa	ve ± Apply
< 🖾 Primary	🖬 Number Pad	🖸 Media 🛛	System/Net	🖁 Mouse 🛛 😑 Disa	ble 🥼 Temp Layer Sw	itch 🗐 Guidel >

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.

_	version	v1.17	-					_							_								
			•	-	•	-	•		-	•	-		•	-	•		-	•	_	•	-		
		ESC	1	@ 2	# 3		\$	% 5	Ĝ		84 7	* 8	( 9		) 0	-		+ =	•	BACKS	PACE		
		TAB	Q		w	E	R	ŀ	г	Y	U		•	0	T	>	{ [	)		I A	DEL		
		CAPS		A	S	D	ŀ	F	G	н	T	J	к	L	·	;	".		ENT	ER	~		
		SHE	т	z	T	×	8	v	T	в	N	м	T	<,	>.	Γ	?	SH	FT	•	PD		
		CTRL	WN		ALT		Back	space				1		1	ALT	FN		MENU	•	·	F.		
							_	_	_	_	_	_	_	4									
s																							
		Laye	r 1		r2		3			3		57								✓ Save		Apply	
2	📟 Prima	Laye	r1	Layei nber P	r2 ad	Layer	3 Nedia		er 1 ਦ Sys	ය stem/N	et	N 19	⊥ 1ouse		• 0			0 I	emp La	✓ Save yer Switch		Apply	
< E	endard Prima SC	Laye	r 1 R Nun	Layer nber P F2	r2 ad F3	Layer	3 Media	Drive	er 1 💭 Sys 5	ସ stem/N F6	et F7	9 N	⊥ 1ouse 8		• D F9	isable F10		F11	emp La	✓ Save yer Switch PS	J ↓ N E	Apply	
< E	E Prima SC	Laye	r 1	Layer nber P F2 3	r2 ad F3 4	Layer	3 Media	Drive	ir 1 🖵 Sys 5	्य stem/N F6 १	et F7	9	⊥ Nouse 8 0		• D F9 -	iisable F10 +		F11 Backs	emp La F12	<ul> <li>Save</li> <li>Save</li> <li>Save</li> <li>Save</li> </ul>	SL HM	Apply Guidel PB PU	
E	E Prima SC C Tab	Laye ary → F 1 2 Q	r 1	Layer nber P F2 3 E	r2 ad F3 4	Layer OM F4	-3 Media	Drive	ir 1 ■ Sys 5 7	Stem/N F6 U	et F7	9 (	1 10use 8 0 0		● D F9 -	iisable F10 +		F11 Backs	emp Lay F12 space	<ul> <li>Save</li> <li>Switch</li> <li>PS</li> <li>INS</li> <li>DEL</li> </ul>	SL HM END	Apply Guidel PB PU PD	
E	E Prima SC ( Tab Caps	Laye	r 1 Nun 1 W S	Layer nber P F2	r2 ad F3 4 E D	Layer O M F4 5 R F	3 Media I T	Drive	ег 1	Stem/N F6	et F7 3	9 ( ( ( (			● D F9 - ) 	iisable F10 + I		F11 Backs	emp Lay F12 space	<ul> <li>Save</li> <li>yer Switch</li> <li>PS</li> <li>INS</li> <li>DEL</li> </ul>	SL HM END	Apply Guidel PB PU PD	
	E Prima SC ( Tab Caps Shift	Laye	r 1 Nun 1 2 W S Z	Layer nber P 3 ) E X	r2 ad F3 4 E D C	Layer © M F4 5 R F	Aledia I T V	Drive F 6 Y 3 B	er 1 P Sys 5 7 7 H	F6 U J	et F7	• • • • • • • • • • • • • • • • • • •			● □ F9 -	iisable F10 + I		F11 Backs Entr	emp La F12 space	<ul> <li>✓ Save</li> <li>yer Switch</li> <li>PS</li> <li>INS</li> <li>DEL</li> </ul>	SL HM END	Apply Guidel PB PU PD	
	E Prima SC ( Tab Caps Shift	Laye	r 1 Nun 1 W S Z LAIt	Layer nber P 3 ) E X	r2 ad F3 4 E D C	Layer	3 Media I T C V	Drive F 6 ) Y 3 B Spa	er 1	F6 U J	et F7	9) ( ,	100050 8 0 0 0	± P	• D F9 - ) : ((	isable F10 + [	) F ] F Men	Entra RShift	emp Lav F12 space 1 er RCti	<ul> <li>✓ Save</li> <li>yer Switch</li> <li>PS</li> <li>INS</li> <li>DEL</li> </ul>	SL HM END	Apply Guidel PB PU PD	
	E Prima SC C Tab Caps Shift LCti	Laye	r 1 Mun 11 2 W S Z LAIt combin	Layer nber P F2 3 E X X	r2 ad F3 4 E D C	Layer N M F4 5 R F Ctrl	Aledia	Drive Ft 6 9 8 8 8 8 9 9	er 1  System  System  T  T  T  T  T  T  T  T  T  T  T  T  T	Eacks	F7	9 ) ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	1 10005e	±	• D F9 -	isable F10 + [ Win	) F ] F Men	Entropy Contract of Contract o	emp La: F12 space \ RCti	✓ Save yer Switch PS INS DEL	SL HM END	Apply Guidel PB PU PD	

- 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.

ESC !	@ # 2 3	\$%^ 456	& * 7 8	() — 90 —	+ · BAG	KSPACE
TAB	QWE	RT	YUI	ΟΡ		DEL
CAPS	ASE	FG	НJ	K L ;	", ENTER	PU
SHIFT	z x	C V	BNM	< >.	? SHET †	PO
CTRL W	ALT N			ALT F		11-
				_		

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

6		🕅 c	onfigurat	ions ∹ģ	E File	s 🗎 Mai						
Model: <mark>GK</mark> Firm Versi	68XS RGB ion: v1.17		•		•	•		•	•	•	•	
		!	2 # 2 3	\$	%	Ĝ	& * 7 8	) ( 9	) 0		BACKSPACE	Ì.
	TAB	Q	W S	E	R F	т ү G H	J	I К	0 P	( ) [ ] ;	I DEL ENTER PU	
	SHIFT		z	×	c v	в	N	м	; ?	? SHET	t PD	
	CTRL	WIN	ALT						AUT	FN MENU	•	
					Û		_	_				2
Standar	d Layer	1 La	yer2		Drive			Ĩ			✓ Save	± Apply
< 📟 Pr	imary (	🖬 Numbe	r Pad	⊙ Me	dia	🐺 System/N	et (	Mouse	😑 Disab	ole 🕒 Temp	b Layer 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 Laye	r Switch	🗏 Guidel >
ESC	F1 F2 F3	F4	F5 F6 F7	F8 I	F9 F10	F11 F12	PS SL	РВ
1	2 3 4	5 6				Backspace	INS HM	PU
Tab Q	W E F	R T		0 P			DEL END	PD
Caps	A S D	F G	H J K			Enter		
LShift \	Z X C	V В	N M			RShift		
LCtl LWin	LAIt	s	pace	RAIt	RWin Me	nu RCti		
<b>2</b> 6	Combination: LC	tri 🗸 🗸	+ R	© View				
Soft Version: 6.0.0.3	0   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	ピ Mouse	🖨 Disable	🇯 Temp Layer Switc	h 🗏 Guidel >
ESC \varTheta	F1 F2 F3	F4	F5 F6 F7	F8 F	9 F10 F1	1 F12 PS	SL PB
1					- + B	ackspace INS	HM PU
Tab Q		RT		0 P		\ DEL	END PD
Caps	A S D		H J I	K L ;		Enter	
LShift \	Z X C		N M		/ R5	Shift	
LCtl LWin	LAIt		pace	RAIt	RWin Menu	RCtl ←	
<b>*</b> 4	Combination:	111 <b>~</b>	/ + R	© View			
Soft Version: 6.0.0.3	30   Release Date: 2020-	-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

6		🧱 Configurations 🗟	🔅 LE Files 🗎 M	acros			1			■+ … ⊖ ●
В≣ ма	acro Category	+	Input Macro Packa	ge Namı 🛛 🕂	Confirm				0	1 ±
	LOL		*	*	*	*	*	*	*	*
	DOTA2		Qw Double Hit	Violence Triple Hit	Start Hands Quadruple	QER	E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
ML	Blade&Soul			*	Hittmee	*	*	*	*	*
	AssaultFire		Hold on Stun	Kill 5 knives in	Q Handstamp	Kill 5 knives in	A set of instant	QE Double	Seed blood	Seed set full
8	OverWatch							Gun		
	PUBG		Dauble Hit	EE Dodao	Hanvasta sat		Grab the chot	Pull the turn	R Dodgo	
×.	GK66		Double Hit		of residual blood	Eye-jump	Grab the shot	maimed	K Douge	W
			*	*	*	*	*	*	*	*
			Light speed second knife	Secure a set of second knives	Double Hit	QA	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.

6		📰 Configurations 🗄	ğ: LE Files 🗎 Ma	acros			+	•
8≣ ма	acro Category			+ Confirm		+ 0	Û	
-	LOL							
	DOTA2							
ML	Blade&Soul							
	AssaultFire							
0	OverWatch							
<b>1</b> 12	PUBG							
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You will now see your Macro Category.

## Creating a Macro

6		Configurations	Ç: LE Files 🗎 Macros			+ ••	•• \varTheta 🧧
a the second sec	acro Category			Input Macro Name	+ Confirm > +	0 🛈 ±	<u>+</u>
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	DOTA2						
	Blade&Soul						
- Q	AssaultFire						
8	OverWatch						
	PUBG						
×	GK66						
×.	Tutorial						

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

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Macro		Recordi	ng 🕨		
Tutor			1		
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<ul> <li>Min</li> <li>10</li> </ul>	imum delay(5ms) 00 ms delav				
Soft Ver	sion: 6.0.0.30   Release Date:	2020-05-12	GK6+	V6	©makebyself   Powered By makebyself

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

### Recording a Macro

<b>∃</b> ≣ Ma	acro Category	+	Macro Manage	<ul> <li>Tutorial</li> </ul>				+	Ō	Ū	Î	Ŧ
	LOL	đ	<b>X</b>									
	DOTA2		Tutorial1									
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Soft Vers	sion: 6.0.0.30   Release Date: 2	020-05-12			GK6+ V6				©makeby	self   Pow	ered By:m	akebyself

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

		-			ш <i>К</i> .
		C	132 ms		
		±	τ.		
	~	G	610 ms	â	ê
Recording delay	A				
Minimum delay(5ms)	T	Ŧ	"O"		
1000 ms delay		G	120 <b>ms</b>		
		<b>±</b>	"O"		
Soft Version: 6.0.0.30   Release Date: 2020-05-12				GK6+V6	6 ©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

হ্ব	📟 Configurations 🕯	ې LE Files 📄 Ma		3		I			<b>■</b> + … ⊖ <b>《</b>
Hacro Categ	ory +	Macro Manage 🗲						0	1 ±
LOL		*	*	*	*	*	*	*	*
DOTA2		Qw Double Hit	Violence Triple Hit	Start Hands Quadruple		E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
Blade&	Soul 💼	*	*		*	*	*	*	*
Assaulti	Fire 💼	Hold on Stun	Kill 5 knives in	Q Handstamp	Kill 5 knives in	A set of instant	QE Double Acceleration	Seed blood	Seed set full
OverWa	tch 💼						Gun		
PUBG					<b>.</b>				<b></b>
GK66		Double Hit	EF Dooge	of residual blood	Eye-jump	Grab the shot	maimed	R Doage	W
		*	*	3	*	*	*	*	*
		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
		*	*	*	*	*	*	*	*

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

হ্ব		📟 Configurations 🔅	E Files 🗎 Macros	····· 🖂 🦷
E Ma	acro Category		Macro Manage > Tutorial	
	LOL	Ċ	× 🖒	
	DOTA2		Tutorial1	
<u>~</u>	Blade&Soul	â		
	AssaultFire	8		
	OverWatch	8		
	PUBG	8		
×	GK66	8		
	Tutorial	8		
Macro N			► ± "H"	
Tutoria			99	ms
Delay m			± "H"	
Rec	ording delay		C 181	1 ms
I Mini			± "E"	
• 100	0 ms delay		<b>C</b> 119	9 ms

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

## Assigning A Macro To A Key

🚺 📫 Configurations 🔅 LE Files 🗎 Macros	<b></b> + … ⊖ <b></b>
Model: GK68XS RGB Firm Version: v1.17	Light Effect Setting (132)
EC ! @ # \$ %	
• CAS A S D F G H J K L ; ", DATER PU SIET Z X C V B N M S ? ? SIET t 50	LE Files Input keywords Q
	Image: Constraint of the second se
Standard Layer 1 Layer 2 Layer 3 Driver 1 & 2 1 ± ✓ Save ± Ap	pply Tutorial C View
c 🚍 Primary 🗟 Number Pad 🧿 Media 🐺 System/Net 😫 Mouse 🖨 Disable 🎼 Temp Layer Switch 🗧 G	uidel > Acro Setting
ESC 😝 F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 PS SL F 1 2 3 4 5 6 7 8 9 0 - + Delete INS HM F Tab. 0 W E B T Y II L 0 P ( L - ) DEL END 1	PB LOL V Input keywords Q PU PU PO Violence Triple Hit PD
Caps     A     S     D     F     G     H     J     K     L     ;     '     Return       LShift     \     Z     X     C     V     B     N     ,     /     Rshift     ↑	Start Hands Quadruple Hit(Three Floors)
LCtil LCmd LOpt Space ROpt RCmd Menu RCtil	E Dodge     Execute after 1 times to stop     Bitton release to stop

1. Head to the configuration tab in the software.

🖆 📾 Configurations 🔅 LE Files 🗎 Macros	<b>■</b> + ••• ⊖ <del>6</del>
Model: GK68X\$ RGB Firm Version: v1.17	Light Effect Setting (132)
1       9       3       5       6       7       8       9       0       -       +       •       BOOSPACE         18       Q       W       E       R       T       Y       U       I       O       P       1       1       DE	
• CARS A S D F G H J K L ; ", DATER PV •	LE Files Input keywords Q
Set Z X C V B N M S ? ? Set t PD	'Ç' JK-061-Mac
	DOTÁ2 Blade&Soul 29
	AssaultFire <b>XX</b>
	OverWatch 29_130
Standard Layer1 Layer2 Layer3 Dinver1 3 1 ± ✓ Save ± Apply	GK66 GK66 OView
🖼 Primary 🗐 Number Pad 🛛 Media 🐺 System/Net 😫 Mouse 🗢 Disable 🇯 Temp Layer Switch 🗐 Guide	
ESC 😝 F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 PS SL PB	LOL A Fout ke words Q
` 1 2 3 4 5 6 7 8 9 0 - + Delete INS HM PU	Qw Double Hit
Tab Q W E R T Y U I O P [ ] V DEL END PD	Violence Imple Hit
Caps A S D F G H J K L ; ' Return	별 Start Hands Quadruple Hit(Three Floors)
LShift \ Z X C V B N M , . / RShift †	QER
LCti LCmd LOpt Space ROpt RCmd Menu RCti	E Dodge
Combination: LCH V A @ View Shortcut: Salart	Bitton release to stop

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

Model: GK68XS RGB Firm Version: v1.17	Light Effect Setting (132)
$\begin{array}{c} \bullet \bullet$	
• CAPS A S D F G H J K L ;; ", DITER PU •	LE Files Input keywords Q
	ోర్ JK-061-Mac
	·☆ GK96XS-1
	ंÇ Light Effect 129
	∵Ç RainbowMatrix
	Ý Light Effect 129_130
	🔆 Tutorial
Standard Layer 1 Layer 2 Layer 3 Driver 1 S 2 1 ± ✓ Save ± Apply	Tutorial 🖉 🖉 View
< 📼 Primary 🖬 Number Pad 💿 Media 🐺 System/Net 😫 Mouse 🗢 Disable 🏮 Temp Layer Switch 🗏 Guidel 🗦	Macro Setting
ESC 😝 F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 PS SL PB	Tutorial 🗸 Input keywords 🔍
* 1 2 3 4 5 6 7 8 9 0 - + Delete INS HM PU	Tutorial1
Tab Q W E R T Y U I O P [ ] \ DEL END PD	
Caps A S D F G H J K L ; ' Return	
LShift V Z X C V B N M , . / RShift †	
LCI LCmd LOpt Space ROpt RCmd Menu RCI $\leftarrow$ $\downarrow$ $\rightarrow$	Execute after 1 times to stop
🕼 付 Combination: LCtri V + Enter 👁 View Shortcut: Select 👪 👁 View	<ul> <li>Btton release to stop</li> <li>Btton press again to stop</li> </ul>

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.

[		rd				er 2		er 3	Dr	river 1		8	ũ	Î							Apply	Tutorial 🔶 👁 View
< 🔤 Primary 🔲 Number Pad 📀 Media			🛒 System/Net 🛛 😫 Mouse		e 😑 Disable		💣 Temp Layer Switch			Macro Setting												
	ESC					F3				F5	F6			F8				F11	F12	PS	PB	Tutorial 🗸 Input keywords 🔍
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	42	6									Enter									© \		Btton release to stop     Btton press again to stop     View
	Soft Versi	on: 6.0.	0.30	Rele	ase Da	ite: 202	0-05-1									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 <a href="mailto:support@epomaker.com">support@epomaker.com</a> 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,

LAIt, LCtrl + LShift, RCtrl + RAIt 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.



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.

SK68 rsion	XS RGB : v1.17					•		•				
ſ	ESC	! @	#	<b>S</b>	%	^ & &	*	(	1		. m	CHSPACE
	TAB	Q	w	ER	т	Y	U		0 P	ł	}	DEL
	CAPS	A	S	DI	= G	н	J	К	L ;	2	ENTER	au .
	CTRL	LAIt	LWin						ALT	FN MENU		Ē.
				-								
	Layer	1 Lay	er 2	Layer 3		C	<u>ė</u>				√ Sa	ve ± Ap

2. Select the backspace from the animated keyboard. You should see it starting to pulse a red colour.

Primary		🖬 Number Pad	⊙ Media	🕎 System/Net	🛯 Mouse	🖨 Disable	📕 Temp Layer Switch		🗏 Guidel >
	ESC 😝	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS S	L PB
							Delete	INS H	M PU
	Tab Q		RT		O P	[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]		DEL EN	ND PD
	Caps	A S D		HJH			Return		
	LShift \	Z X C		B N M			RShift		
	LCt	LOpt		Space	ROp	ot RCmd M	lenu RCtl		
	21			~ + A	© View				

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

Model: GK68XS RGB								
-irm Version: V1.17	•	• •	•	•	•	•	л	
ESC	! © 1 2	# \$ 3 4	% ^ & 5 6 7	* ( 8 9	) –	* *	Backspace	
TAB	Q	WER	ТҮ	UI	O P		I DEL	
CAPS	A	S D	FGH	JK	L ;	", ENTE	R	
SH	Z	хс	VB	N M <sup>&lt;</sup> ,	? ?	SHET	t PD	
CTRL	LAIt	LWin			ALT FN	MENU +	• -	
				0.65				
Standard Lay	ar 1 Layer	2 Layer 3		1 1			✓ Save	± Apply
📾 Primary	🖬 Number Pa	ad 📀 Media	🐺 System/Net	🖹 Mouse	😑 Disable	🛢 Temp Lay	ver Switch	目 Guidel
ESC 😑	1 F2	F3 F4	F5 F6	F7 F8	F9 F10	F11 F12	PS SL	РВ
						Delete	INS HM	PU
Tab Q						1 \	DEL END	D PD
Caps A						Return		
LShift \			B N N			RShift		
LCtl LCmd	LOpt		Space	R	Opt RCmd M	/ienu RCti		
( #2 🔞 (			→ + Backsj	© View				
Soft Version: 6.0.0.30	Release Date	: 2020-05-12			GK6+ V6	ir in		

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

## My GK6X Plus Driver is in Chinese

হ্ব	📟 功能配置 🤴 灯效库	▲ 宏管理			<u>₩</u> + ••• ⊖ Θ
机型: GK68X\$ RGB 固件版本: v1.17					All
ESC TAB	!	5 6 6 1 8 9 T Y U I O	) & Backspace P { } } / v.		
CAPS	ASD	FGHJKL	ENTER PU		灯效库 輸入关键词 Q
			2 2	-¢	9 全亮红光
54	ZXC	V В N М ,		÷\$	<sup>6</sup> 全亮紫光
CTRL	LAIT LWin		ALT IN MENU + + +	-¢-	<sup>6</sup> 全亮白光
				¢.	1 全亮蓝光
					<sup>6</sup> 幻彩海浪
					<sup>6</sup> 白光呼吸
标准层 板载层1	• 板载层 <b>2</b> 板载层3	驱动属1 🔉 💼 土 🛓		± 应用	
ESC $\ominus$ F 1 2 Tab Q Caps A LShift 1			F9     F10     F11     F12     PS     SL       -     +     Delete     INS     HM       [     ]     \     DEL     END       '     Return     /     T     T	PB L PU D PD D	OL V 输入关键词 Q. Qw Double Hit Violence Triple Hit Start Hands Quadruple Hit(Three Floors) QER E Dodge
	Copt 合键: LCtrl V	+ A ◎ 预览			<ul> <li>友按键执行 1 次后停止</li> <li>支按键松开停止</li> <li>支按键再次按下停止</li> </ul>
软件版本: 6.0.0.30   发	布日期: 2020-05-12		GK6+ V6		©makebyself   技术支持:makebyself

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.