



	Rating: SV-ridomA	
-	-	

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.

Warranty Information

Epomaker's Warranty covers any factory defects that might affect the proper functionality of your purchase. It doesn't cover any damage that may occur from normal wear and tear. If your product is defective we will send you a replacement unit. Replacement units might require you to send the defective unit back to Epomaker.

We provide a 1 year warranty for our products when bought from our website (Epomaker.com). Your item will not be covered by your 1 year warranty if the inspection shows any sign of modification or changes unsupported by the original product, these include: Changing internal components, Assembling and reassembling the product, Replacing Batteries, etc.

We will ONLY cover the item if it is bought from our stores, you do not have a warranty with us if you bought the item from another reseller or likewise. You are required to contact them to resolve issues.

Where To Buy

Website http://epomaker.com/ Amazon US https://www.amazon.com/s?me=A31XCF3C216O31&marketplaceID=ATVPDKIKX0DER Amazon UK https://www.amazon.co.uk/s?k=EPOMAKER Amazon DE https://www.amazon.de/s?k=EPOMAKER Aliexpress https://www.aliexpress.com/store/5877346

Table of Contents

Comments by Epomaker	2
Warranty Information	2
Where To Buy	2
Unboxing	5
What's included in the Box	5
Epomaker Manual (GK96S/SK96S):	6
Keyboard Keycap Dimensions	8
Changing Modes/Layers	8
Setting Up Keyboard/Bluetooth	9
Windows 10 Bluetooth	9
iOS Bluetooth Setup	11
MacOS Bluetooth	12
Linux Bluetooth Pairing	15
Downloading Software for your Epomaker GK96S/SK96S	16
Windows Download	16
MacOS Native Install:	18
MacOS Alternative and Linux Download (GUI):	21
Lighting Section	26
Creating an Lighting (.LE) Files	26
Edit Driver Layer Colours	29
Add Onboard Lighting Effects	30
Uploading Lighting "LE" Files	32
Downloading Lighting "LE" Files	33
Creating Frame Based Lighting Effects	34
Layout Section	42
Changing Keyboard Language Settings	42
Windows	42
MacOS	44
Remapping A Single Key	47
Remapping A Key Combination	49
Creating a New Macro Category	52
Creating a Macro	53
Recording a Macro	55
Editing a Macro	56
Assigning A Macro To A Key	57
Frequently Asked Questions	59

I see "Not Support Device"	59
Combination of the FN key + Another key	60
My Mac Delete key is not working	60
My GK6X Plus Driver is in Chinese	62
I can't seem to press anything on my MacOS screen	62
My Keyboard is not showing up in my Bluetooth	62
How do I check my battery and what does the indicator mean?	63
My Left-Alt is stuck at an orange-yellow colour	63

Unboxing

What's included in the Box

Note: This might change depending on availability

- 1. Epomaker GK96S/SK96S
- 2. Epomaker Keycap Set
- 3. Epomaker GK96S/SK96S Manual
- 4. USB A to USB C Braided Cable (1.5m / 4.9ft)
- 5. Keycap and Switch Puller
- 6. 5 MacOS keys
- 7. Blue keycap upgrade (If goal reached).

Define mode

Epomaker Manual (GK96S/SK96S):

FN function description (Double-click FN to light FN's white LED, FN function is held, click FN again to escape from holding status).

Key

FN + -_

FN + =+ FN + 9(

EN + 0)

FN + ↓

FN + 1

Media key(Standard mode settings)

Key	Function	Key	Function
FN + F8	► Play/Pause	FN+F10	Mute
FN + F7	A Previous	FN + F11	Volume -
FN + F9	Next	FN+F12	♦))Volume+

BT&System settings(BT model only,can not modify)

Key	Function
FN + Space	Bluetooth ON/OFF switch Link to USB mode or the last BT equipment.
FN + 1!	Long press: The red&green LED of 1! keycap will \$1 flash, The \$1 bluetooth equipment can be paired.
	Press: The keyboard will connect the \$1 BT equipment or disconnect
FN + 2@	Long press: The red&green LED of 2@ keycap will \$2 flash, The \$2 bluetooth equipment can be paired.
FN 7 285	Press: The keyboard will connect the \$2 BT equipment or disconnect
FN + 3#	Long press: The red&green LED of 3# keycap will \$3 flash, The \$3 bluetooth equipment can be paired.
111.0#	Press: The keyboard will connect the \$3 BT equipment or disconnect
successful on the	tooth pairing is timed out or failed, please re-pair. If the bluetooth pairing is equipment, but the keyboard can not work still, please delete the keyboard in of the equipment and pair again.
FN + `~ @	GK BT model series long press for 3 seconds to on/off the keyboard
0	SK BT model series long press the keyboard for 3 seconds to on/off the keyboard
FN + Win	A Clock/Unlock Win key
FN + 4\$	ON/OFF Low voltage&charging status indicator Logo LED&back side LED
EN + DEI	C Keyboard's sleep time setting white LED on0:never sleep.

6

Model:GK96XS-RGB Firm Version:v0.0

ALT

FN + ←	🔅 Backlight Effect Speed –
FN + →	Backlight Effect Speed +
Aac refer	ence settings
FN + F1	-Ò. Screen brightness - for Mac
FN + F2	-ỳ; Screen brightness + for Mac
FN + F3	C [] for Mac
FN + F4	for Mac
FN + F5	One click call Siri for Mac
FN + F6	One click call handwriting for Mac

Backlight settings(Can not modify)

🕸 Backlight ON/OFF

D Light effect pause/play

🔅 Backlight brightness –

Backlight brightness +

- Backlight mode 1-5 (Can modify) Backlight mode 6-9

Function

Press Fn , 11 20 34 One of the blue LED ON, the keyboard is working in BT mode 1:5minutes, 2:10minutes......9:45minutes to sleep. FN + Space Bluetooth ON/OFF switch,Link to USB mode. F3 F4 F5 F6 F7 F8 F9 75 R Û

4

Temp Layer Switch

Key	Function
Standard mode	Standard mode, all builtons can not be user-takinad. User can customize your own personality keyboard by the following 4 modes. On-board mode 1/20 is storegly recommended, (Note: There custom mode, except FTM key, other targes can be redefined key values to the TP FT + server "function can be also modified,except the backgight bluetooth and system control. The FTM builton can not be moved, built causer can define your own FTM IFFN2FN3 at any key on the keyboard in the custom mode).
FN + 5% Driver mode	OFN + 5% is the driver mode layer, *5% * lights white LED, some special function if for examples 'too may as sagn a main or on more than 32 physics to key in the driver mode while it's unavailable in those onboard mode layer and backlights can be set in this mode. You must keep the driver running and the keyboard connect with the driver. Press FN + 5% again, back to standard mode.
FN + 6 [^] Onboard mode1 Layer1 / Fn1	$ \begin{array}{l} (\fbox) FN + 6^{\circ} \mbox{ onback model layer, } 1, - 6^{\circ}, \mbox{ lights while LED, no need to run and connect the driver. The keyboard works in the custom key functions and user can modify the key functions and macro Settings by the driver and these Settings can be downloaded and saved to the keyboard. The reference Setting: the multifunctional reuse Settings of the space bar, click for the regular space functions, Space + other key combination to achieve the onboard mode layer3 call function. Press FN + 6^{\circ} again, back to the standard mode. \\ \end{array}$
FN + 7& Onboard mode2 Layer2 / Fn2 MAC OS mode	(2) FN + 76, onboard mode layer 2, "7.8" lights while LED. The reference Saving keyboard of MAC OS, the "control.option command "key will be in the original position, user can modify the Satings by the driver, download and save to the keyboard, no need to run and connect the driver when use the MaC's function settings. Press FN + 75 again, back to the standard mode.
FN + 8* Onboard mode3 Layer3 / Fn3	③FN + 8*, onboard mode layer 3, * 8* * lights while LED. The reference Setting: Some special function keys, or combination keys, or macro keys, these settings of this mode can be called by the key FN3 in layerIAlayer2, All Settings in this mode can be modified and saved to the keyboard. Press FN+8* again, back to the standard mode.
	AC user, please long press FN+7& for 3 seconds, the keyboard will ID mode, MAC users will get a better experience.
If you are a Wi	n user, please long press FN+6^ for 3 seconds, the keyboard will ID mode, Win users will get a better experience

From The community, For The community! (€ FC @ B RoHS



Since the first version of the driver was released in June 2017, our team has continuously updated over 20 versions. Download from the link.

→ 	http://www.jikedingzhi.com/de	ownloadlist?driverID:	=41 Q
	KERNA Home Optical axis keyboard customic	red product Evaluation community of	fownload Partner contact us
			log in 1 registered
	Driver download Other Products	GK6Xplus	Qsearch for
	GK6XPlus Driver V6.0.0.31		download 🗠
	GK6XPlus Driver V6.0.0.30		download
10- 10-	GK6XPlus Driver V6.0.0.29		download 🗸 🗸
Q	GK6XPlus Driver V6.0.0.26		download 😪
	GK6XPlus Driver V6.0.0.25		download 💉
	GK6XPlus Driver V6.0.0.22		download 🗸 🗸
	GK6XPlus Driver V6.0.0.17		download 🗸 🗸
	GK6XPlus Driver V6.0.0.15		download 🗸 🗸
Contraction of the	GK6XPlus Driver V6.0.0.14		download 🔗
	GK6XPlus Driver V6.0.0.12		download 💉
1	GK6XPlus Driver V6.0.0.11		download 🗸 🗸
	GK6XPlus Driver V6.0.0.10		download 🗸 🗸
And Distance	GK6XPlus Driver V6.0.0.6		download 🗸 🗸
	GK6XPlus Driver V5.1.0.6		download 🗸 🗸
	GK6XPlus Driver V5.1.0.5		download 🗸 🗸
The local division of	GK6XPlus Driver V5.1.0.4		download 😪
	GK6XPlus Driver V5.1.0.3		download 🗸
	GK6XPlus Driver V5.1.0.2		download 🗸 🗸
	GK6XPlus Driver V5.1.0.1		download 🛛 🗸

Keys a	nd backlights can be user-defined by the driver	
rðt	😑 Configurations 🔅 LE Files 🗎 Macros	

ALT

Layer1 Layer2 Layer3 Driver1 S 1 ±

Media Keys

- FN + F6: Play/Pause
- FN + F7: Previous
- FN + F9: Next
- FN + F10: Mute
- FN + F11: Volume -
- FN + F12: Volume +

Bluetooth Settings

- FN + Space: Bluetooth On/Off
- **FN + 1:** Long Press: First Bluetooth Equipment Pair Short Press: Connect/Disconnect to First Bluetooth Equipment
- **FN + 2:** Long Press: Second Bluetooth Equipment Pair Short Press: Connect/Disconnect to Second Bluetooth Equipment
- **FN + 3:** 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..

Backlight Settings

- FN + 9: Backlight On/Off
- FN + -_ Backlight Mode 1-5 (Modify)
- FN + +=: Backlight Mode 6-9
- **FN + 0:** 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 + 5 (Driver Mode): 5 White Light LED
FN + 6 (Layer 1): 6 Light White LED
FN + 7 (Layer 2): 7 Light White LED
FN + 8 (Layer 3): 8 Light White LED

Mac Shortcuts

- FN + F1: Decrease Screen Brightness
- **FN + F2:** Increase Screen Brightness
- **FN + F3:** Open Mission Control
- FN + F4: Open Launchpad

- FN + F5: Decrease Keyboard Brightness
- **FN + F6:** Increase Keyboard Brightness
- FN + F7: Skip Track
- FN + F8: Pause/Play
- FN + F9: Skip Forward
- **FN + F10:** Mute
- FN + F11: Volume Down
- FN + F12: Volume Up

DEL PS ESC F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 SI PB PU PD 0 S DELETE NUM 2 A 0 c 2U TAB 1.5U 0 0 E 8 2U CAPS LOCK ENTER 4 5 6 D G 1.75U 2.25U SHIFT 2.25U SHIFT 2 3 C 1 7 Enter 2U ALT 1U MENU 1U CTRL 1.25U WIN 1.25U ALT 1.25U FN 1U 0 DEL ESC F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 0 DELETE NUM 2 2U TAB 1.5U 0 11 0 7 1.5U\ 2U CAPS 1.75U ENTER 4 5 6 2.25U 1 2 3 SHIFT Shift 2.75U Ζ В 2.25U ENTER, CTRL 1.25U OPTION 2U CMD CMD OPTION CTRI FN 20 6.25U 1.25U 1.25U 1.25U 1.25U 1.25U 1.25U

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.

Changing Modes/Layers

Standard Layer

In this layer, you have preset configurations for the buttons to be pressed which you can see in the manual above.

The default on this layer is the following: Spectral Cycle, GK96XS-1, Spectral Cycle, Windmill and Rainbow Waves

Driver Layer (FN + 5): 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 "5" 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 "6" 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 "7" 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

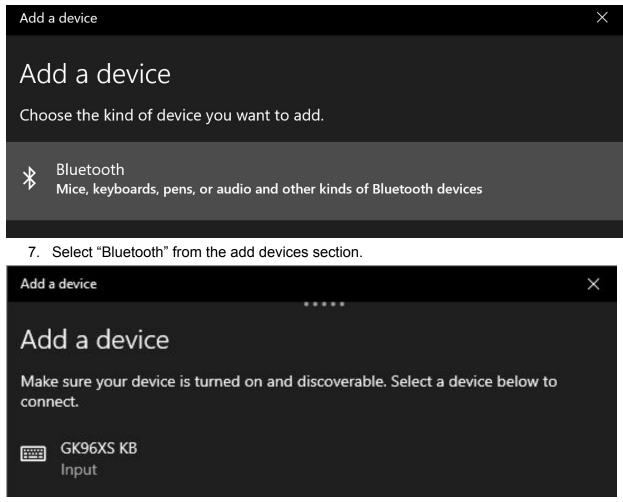
Windows 10 Bluetooth

- 1. First, charge the keyboard via a USB port on your computer until it has decent charge.
- Power on the keyboard using FN + Space. This will put your Epomaker GK96S/SK96S in Bluetooth mode.
- 3. Long Press Either **FN + 1**, **FN + 2**, or **FN + 3** 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	•	R
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
$\vec{r}_{\mathcal{V}}^{\mathcal{N}}$ Airplane mode	>	ロ Open
🖓 Dynamic lock	>	Cat with help from web
⁽ 1)) Turn mono audio on or off	>	Get quick help from web Fixing Bluetooth connections
Search the web		Sharing files over Bluetooth
Duetooth - See web results	>	Reinstalling Bluetooth drivers
Documents (1+)		-
		Related settings
ho bluetooth and other devices settings		

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

Bluetooth & other devices
+ Add Bluetooth or other device
Bluetooth
On
6. Select "Add Bluetooth or other device"

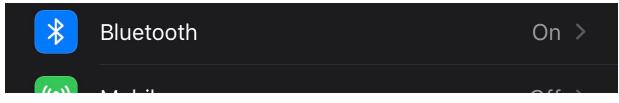


8. Select the "GK96XS/SK96XS KB" From the selection

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 + 1**, **FN + 2**, or **FN + 3** 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.



5. Select "Bluetooth" from the Settings. Make sure it is on.

OTHER DEVICES			
GK96XS KB			

- 6. Make sure that your device is considered discoverable.
- 7. Press "GK96S/SK96S KB" to connect to your Epomaker GK96S/SK96S.

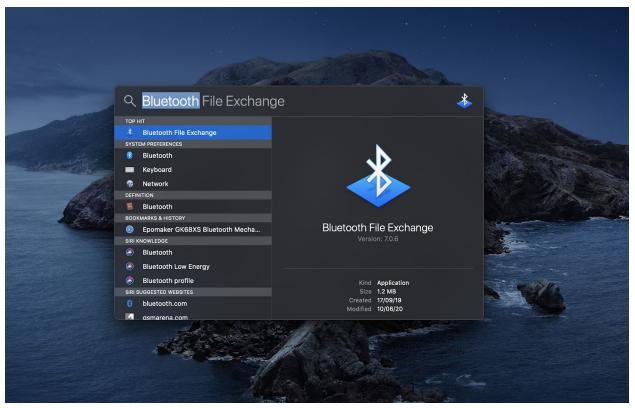
< Settings	Bluetooth	
Bluetooth		
Now discoverable as	"iPhone".	
MY DEVICES		
GK96XS KB		Connected (i)

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

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

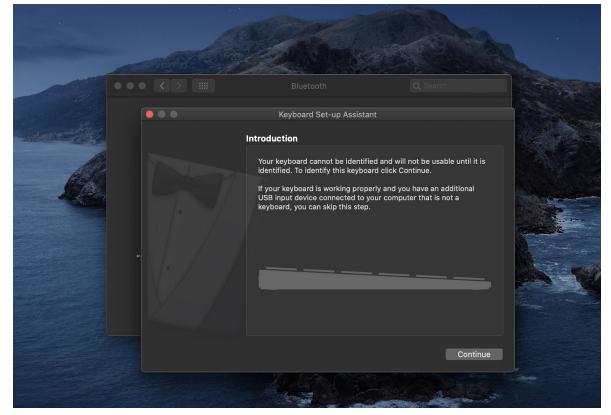
Note: make sure your device is discoverable and turned on.



- 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 + 1, FN + 2, or FN + 3 until the LED starts flashing green/red.

•••	<		 Bluetoot	h		Q		
	>	B		Devices				2.5
Π		ooth: O etooth		GK96XS KB			Connect Connect	
No	w disc	overabl MacBo	o"					
				Show Bluetooth in	menu bar		Advanced	

4. You should see "GK96S KB" on 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: https://help.ubuntu.com/stable/ubuntu-help/bluetooth-connect-device.html.en Arch: https://wiki.archlinux.org/index.php/Bluetooth_keyboard Fedora: https://fedoraproject.org/wiki/Documentation/Bluetooth

Downloading Software for your Epomaker GK96S/SK96S

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>.

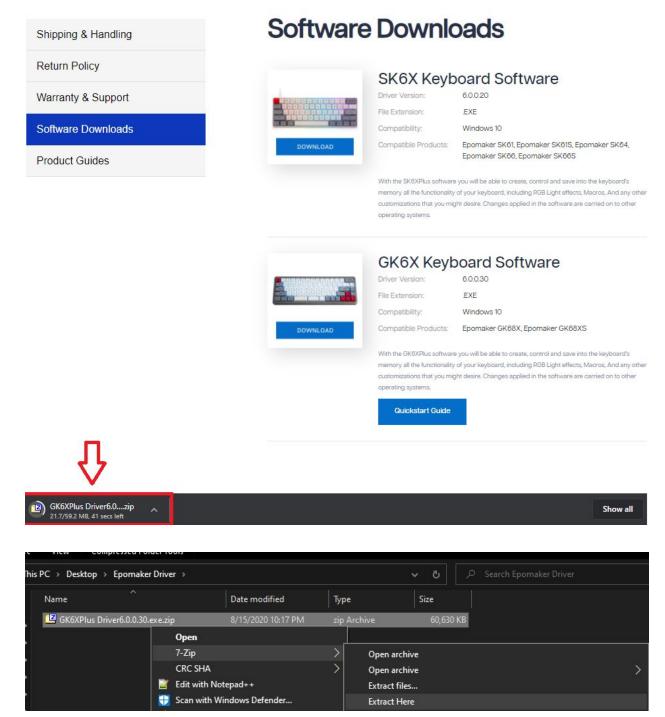
Windows Download

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

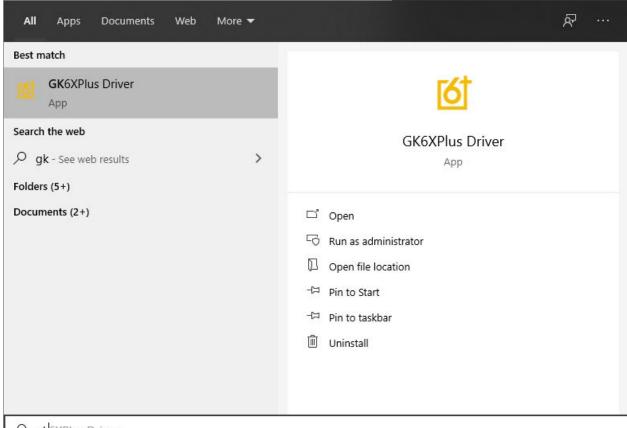
Software Downloads

	SK6X Keyb	board Software
	Driver Version:	6.0.0.20
	File Extension:	EXE
	Compatibility:	Windows 10
DOWNLOAD	Compatible Products:	Epomaker SKö1, Epomaker SKö1S, Epomaker SKö4, Epomaker SKö6, Epomaker SKööS
	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 other ght desire. Changes applied in the software are carried on to other
	GK6X Keyk	poard Software
- THERE AND	Driver Version:	6.0.0.30
	File Extension:	EXE
	Compatibility:	Windows 10
DOWNLOAD	Compatible Products:	Epomaker GK68X, Epomaker GK68XS
Λ		e you will be able to create, control and save into the keyboard's of your keyboard, including RGB Light effects, Macros, And any other
r	customizations that you mit operating systems.	ght desire. Changes applied in the software are carried on to other

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



- 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.



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

MacOS Native Install:

We now have MacOS software, this is how you install it:

- 1. Go to the Download link: <u>https://drive.google.com/drive/folders/1EaVTUNZIJQSbjWb0GmyHwieiUNoQsZ8U?usp=</u> <u>sharing</u>
- 2. Double Click the downloaded file to open it



- 3. Drag the GK6+ Software to the Application Folder.
- 4. Go to the Application Folder, and double tap to run.

•••	< > III	Security	& Privacy		Q Search	
		General	FileVault Firewa	all Privacy		
闭 Ac	ccessibility			elow to monitor in vhile using other a		
Ing	put Monitoring					
Fu	III Disk Access					
Fil	les and Folders	1				
Sc	creen Recording	- U	🗹 🚺 ске		1	
🗾 м	edia & Apple Mu	sic	2			
😭 на	omeKit	- 1				
В	uetooth	l				
Au	utomation					
Click th	ne lock to make o	changes.			Advanced	?

- 5. Go to Settings -> Security and Privacy -> Input Monitoring -> Privacy
- 6. Change the lock by opening it, and then click the lock
- 7. Click the GK6+ logo
- 8. Click the Lock Again

Configurations 🔅 LE Files 🗎 Macros	۵ — + = = ۱
Model: GK96X5-RG8 Firm Version: v1.10	Light Effect Setting (145)
	LE Film. Input Keywords O
	 Defored clouds tying:
	© Colorful Gradient
	O Waverider
	© Blar Aghting
Light effect: Spectral Cycle ···· B GK96XS-1 ···· B RGB ··· B Windmil ···· B Rainbow Waves ··· B	0 8X-F1-F12 Key
Blandand Layar 1 Layar 2 Layar 3 12 1 4 - Save & Apply	Wawerder C Wew
: Drimery 🔄 Famber Putt 💿 Media 🐨 System/Rot 🔹 Mouse 🗠 Disable 🏦 Terrar Layer Sw. 3	Macro Setting
ESC 10 F1 F2 F2 F4 F5 F6 F7 F6 F5 F0 F1 F12 F5 5. F6	Citteri 🐱 Input keywords 🔍
1 2 3 4 5 6 7 8 5 6 + Backapace NS HM PU	lh 00
TA6 O W E R T Y U I O P I I V DE END PO	
Capit A S D F O H J K L . Enter	
LONE (V) Z (X) (C) (V) (E) (N) (N) (C) (C) (RONE (C))	
LET J.Win LAIS Space RAIS RWIN Menu RCS + 1 -	Execute after 1 times to stop
ar a Combination: Little 😪 + A @ Yew.	Biton missis to more di View
Soft Version: 1.0.0.1 Release Date: 2020-11-28 GK6+ Mac	Omakebyself I Powered By makebyself

Note: There are certain features you can't use on the GK96 due to the feature limitations of the Operating System, like the driver mode.k

MacOS Alternative 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 installation guide for more information about how to install and configure your 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 Mono from your Mac.									
* We recommend this package if you're using Visual Studio for Mac since the stability of Visual Studio for Mac is only guaranteed with the Visual Studio channel releases.									

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

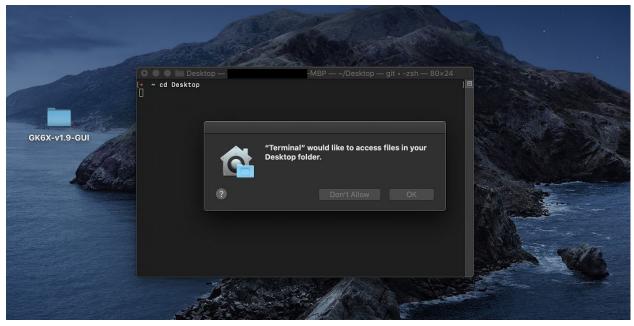
- 3. Click the file in your download folder, you should see an installer launch, run through the installer and install mono.
- 4. Head to <u>https://github.com/pixeltris/GK6X/releases</u>, here you should download the latest release with the filename "GKL6X-XX-GUI.zip" With "XX" being the most recent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

Latest release GK6X-v1.9 -O- ec8878b	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 							
	Assets 4 GK6X-v1.9-GULzip 53.6 MB							
	© GK6X-v1.9-GUI.zip 53.6 MB							

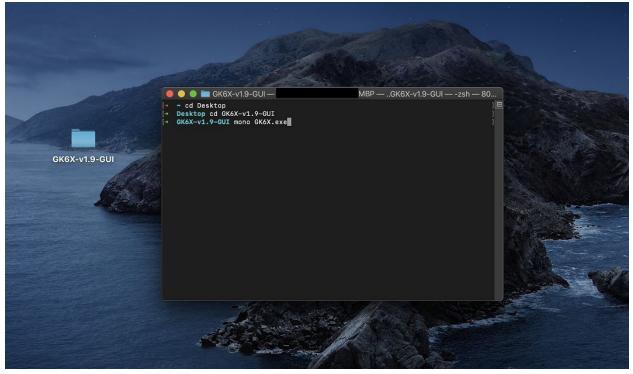
5. Click the file to begin the download, and put this file somewhere where you can access it regularly via CLI. In this case, we will put it on the desktop.

	1000		
GK6X-v1.9-GUI	C terminal	> Terminal Version: 2.10	
		Kind Application Size 9.9 M8 Created 3/09/19 Modified 10/06/20 Last opened 16/08/20	

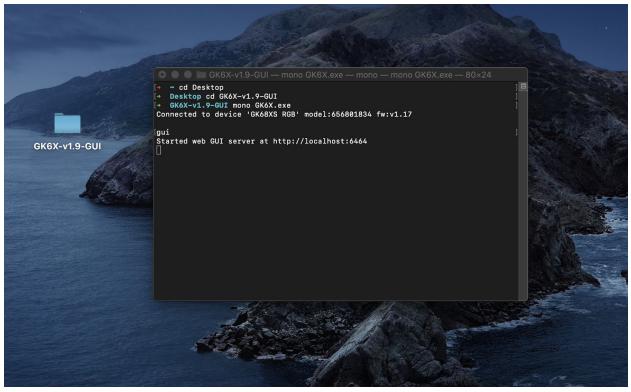
6. Press Command + Space and type "Terminal" into the search bar. Press "Terminal". This is where we will do our commands.



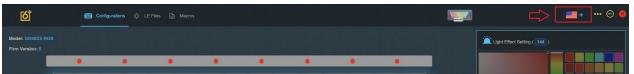
7. You want to make the current directory you put your driver folder you placed it in, in this case, we placed the GK6X folder on the desktop, so we type the command **cd Desktop**



- 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 GK96S/SK96S 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.

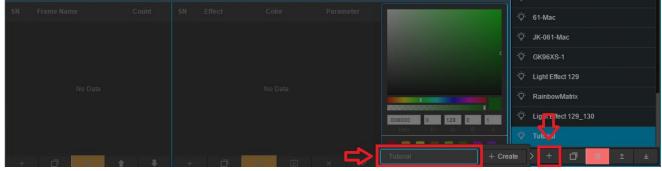
Creating an Lighting (.LE) Files

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.

🚺 🖾 Configurations 🔅 LE Files 🖹 Macros	
Model: GK96XS-RGB Firm Version: v1.10	Light Effect Setting (144)
	LE Files Input keywords Q
	 Full Purple Light Full White Light
	-☆ Full Blue Light -☆ Magic Waves
Light effect: Spectral Cycle ••• GK96XS-1 ••• RGB ••• Windmill ••• Rainbow Waves •••	'Ç' White Light Breathing ∞
Standard Layer1 Layer2 Layer3 Driver1 🕃 🔋 🋧 🛓 🗸 🗸 Save 🛓 Apply	Un Set 💿 View

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.

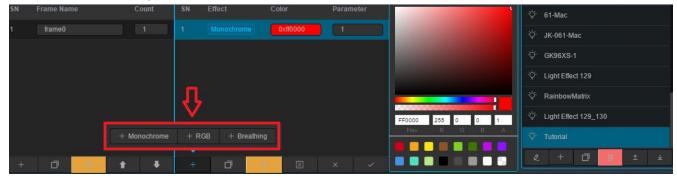


- 3. Click the "+" Button to add a lighting effect to the LE File Management Module.
- 4. Enter the name that you want to call the lighting profile that you want to create.

SN	Frame Name	Count	SN	Effect	Color	Parameter		-'Ö- 61	1-Mac	
								.ộ. î⊧	(-061-Mac	
							c	∵ờ∹ Gi	K96XS-1	
								∵ợ∵ Li	ght Effect 129	
								⁻ Ö- R	ainbowMatrix	
							008000 0 128 0 1	⁻ Ö́- Li	ght Effect 129_130	
									utorial	
÷								R	+ 🗇 💼	t Ŧ
Soft V	/ersion: 6.0.0.30 Release Date	: 2020-05-12				GK6+ V6			©makebyself Powere	d By:makebyself

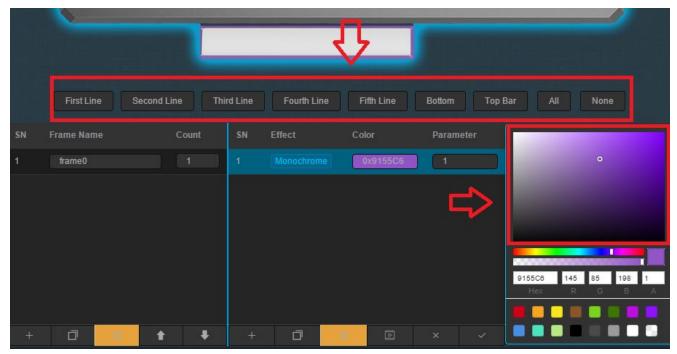
5. Click the Edit icon on the given lighting effect name you just made to start editing the RBG and effect.

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



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
							9155C8 145 85 198 1 Hex R G B A
+	0 1	ŧ		Ø		∞ ∕	

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

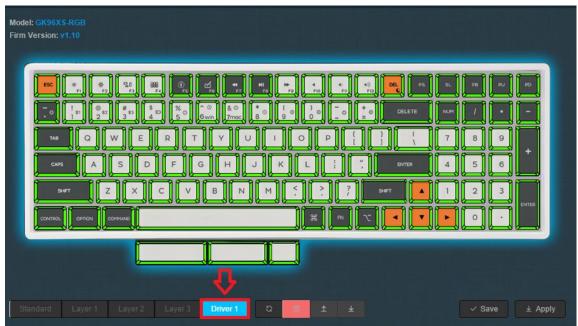
Configurations 🔅 LE Files 🗎 Macros	💻 + ···· 🖯 🤒
Model: GK96XS-RGB Firm Version: v1.10	Light Effect Setting (144)
Image: State of the state o	
corr A S D F G H J K L J mra 4 5 6 947 Z X C V B M 5 ? 947 A 1 2 3 00100 00400 H M 5 ? 7 947 A 1 2 3	LE Files Input keywords Q
Light effect: Spectral Cycle ••• GK96XS-1 ••• RGB ••• Windmill ••• Rainbow Waves ••• Standard Layer 1 Layer 2 Layer 3 Driver 1 Standard Layer 1 Layer 2 Layer 3 Driver 1	Ö Magic Waves Ö White Light Breathing

- 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.

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 driver to detect the software. You can use a dongle to connect your keyboard to a USB-A connection on a Mac.



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

Model: GK96XS-RGB Firm Version: v1.10	Light Effect Setting (145)
$\begin{array}{ c c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	LE Files Input keywords Q 'Q' JK-178-SK87-A Q 'Q' JK-178-SK87-A Q 'Q' JK-178-SK87-A Q 'Q' JK-178-SK87-B Q 'Q' JK-178-SK87-C Q 'Q' GK73-73S Rotating Runner Q
	· ⓒ GK73-73S Spill effect
Standard Layer1 Layer2 Layer3 Driver1 Q 2 1 ± Save ± Apply	Tutorial C View

- 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 + "+"** 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.

Version	1.2

ESC *	* 10 100 F2 F3 F	④ F5 2 F6	44 HI F8 H	• • • • F9 F10 F11	4) DEL PS	SL	PB PU	P
~ • ! #1	@ #2 # #3 \$ II 2 3 3 4 II	■ % 5 ⁰ 6 win	& @ * @ (7moc 8 @ 9	• • • •	+ OELETE	N.M	/ •	
ТАВ	Q W E	RT	YUI	O P		7	8 9	
CAPS	ASD	FG	н Ј К		", ENTER	4	5 6	Ľ
SHET	ZX	СУВ	NM	< ? ?	947		2 3	
				H IN			•	ENTER
-								
\mathbf{Q}								
Standard Lay	er1 Layer2	Layer 3 D	iver 1 C	1 ±			✓ Save	🛓 Apply

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.

Configurations 🔅 LE Files 🗎	Macros
Model: GK96XS-RGB Firm Version: v1.10	
	Please select the light file
	NI 🖗 GK61XS Arrow-Key
	# JK-178-SK87-B
	₩ JK-178-SK87-C
	GK73-73S Rotating Runner
SHT Z X C V B N	🖄 🕸 GK73-73S Spill effect
	Tutorial
	Cancel Contirm
Light effect: Spectral Cycle ••• 📋 GK96XS-1 ••• 📋 RGB ••• 🗍	Windmill ••• 📓 Rainbow Waves ••• 📓
Standard Layer 1 Layer 2 Layer 3 Driver 1	©± ✓ Save ↓ Apply

- 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).

						ў GK685-1 ў GK685-2 ў GK685-3
SN FI						·Ở· 61-Mac
						·ў JK-061-Mac
						·Ở· GK96XS-1
						'Ở' Light Effect 129
						`ൎQ⁺ RainbowMatrix
					008000 0 128 0 1	'Ç ⁱ⁻ Light Effect 129_130
					Her R G B A	· 🌣 Tutorial
+	a 🚺 🕇					2 + 🗇 î ± ±
Soft Versi	on: 6.0.0.30 Release Date:			GK6+ V6		©makebyself Powered By:makebyself

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

\leftrightarrow \rightarrow \checkmark \uparrow \downarrow \rightarrow This PC \rightarrow Downloads		
Organize 👻 New folder		8: - 🔳 🕐
Cuick access Destop Downloads Documents Occuments iCloud Photos iCloud Drive iCloud Drive		
File name: Matrix.le	×	le(*.le) V Open Cancel

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.

		-		_			۰Ö.	GK68S-1
對作							٠Ċ.	GK68S-2
							٠ġ.	GK68S-3
SN							۰Ģ.	61-Mac
							٠̈́Ċٍ.	JK-061-Mac
							٠̈́Ŏٜ٠	GK96XS-1
							÷Ģ.	Light Effect 129
							ţŎ.	RainbowMatrix
						008000 0 128 0 1	ġ.	Light Effect 129_130
								Tutorial
+							Q	+ 🗇 🗈 ±
Soft Ver	sion: 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.

හි Save As	×
← → ✓ ↑ ↓ > This PC → Downloads →	♀ Search Downloads
Organize 🔻 New folder	8: - ()
File name: TutorialLE	~
Save as type: le(*.le)	~
∧ Hide Folders	Save Cancel

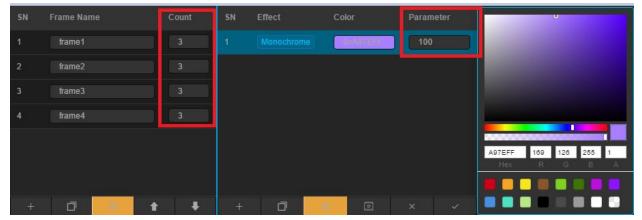
- 2. Enter your desired location and the filename.
- 3. Click Save. The file will now be saved in that location and can be shared.

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.

হ্ব	📟 Configurations 🔅 LE Files 🖹 Macros		📑 + ···· 🖯 🔴
Model: GK96XS-RGB Firm Version: v1.10	A S D F G H J K L ; 7 error 4 5 6 Z X C V B N M 5 ? 7 err 4 1 2 3		Light Effect Setting (145) EFiles Input keywords Q Full Red light Full Purple Light Full Purple Light
Standard Laye	r1 Layer2 Layer3 Driver1 C 1 ± × Save ±	Apply	 Full Blue Light Magic Waves White Light Breathing White Light Breathing White Light Breathing Macro Setting

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.

				4 H			SL PB PV PO
	. ° 1 ^{\$1} 2 ^{\$2}	3*1 4 10 5 °	6win			DELETE 1 1 1 1	7 8 9
	CAPS A S						
					, , , ,		
			J				
	First Line Sec	ond Line Thi	ird Line	Fourth Line	e Fifth Line	Bottom	Bar All None
SN	Frame Name	Count	SN	Effect	Color	Parameter	Bar All None
SN 1					Color		Bar All None
SN 1	Frame Name	Count	SN	Effect	Color	Parameter	Bar All None
SN 1	Frame Name	Count	SN	Effect	Color	Parameter	
SN 1	Frame Name	Count	SN	Effect	Color	Parameter	Bar All None
SN 1	Frame Name	Count	SN	Effect	Color	Parameter	

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 #,1 #,2 9,6			** * * * (•) (•) (•) - • (•) (•) (•) - • (•) (•) (•) (•) - (•) (•) (•) (•) - (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•) (•)	(4) 000 000 000 000 000 000 000 000 000	PS SL PB PU PO NM / • - 7 8 9 + 4 5 6 + 4 1 2 3 ENTER V • 0 • •
SN	First Line Secon Frame Name	Count	rd Line Fourth Line	Color	Parameter	op Bar All None
1	frame1	3 * *	1 Monochrome			A97EFF 109 120 255 1 Hex R G B A

3. 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.

	ESC #;1 #;2 #; I I I I I I I I I I I I I I I I I I I					SL PB NAM / 7 8 4 5 1 2 1 2	Ru Ro - 9 + 6 + 3 Evres
	First Line Secon	nd Line Thi	ird Line Fourth Line	Fifth Line	Bottom Top B	lar All	None
SN	First Line Secon	nd Line Thi Count	rd Line Fourth Line	Fifth Line Color	Bottom Top E Parameter	lar All	None
SN 1						lar Ali	

4. 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 Nan	10	C	Count	SN	Effect	Cold	or	Param	eter
1	frame1		1	3			ie 🧾	ANTER	100	
2	frame2			3						
¢										
Л,										
	_									
+	đ		ŧ	+	+	D	1.6			

5. 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 # 1		H J K		Image: Constraint of the second sec	SL PB PU PO NUM /	
				< ? . ? . #		1 2 3 ENT	
	First Line Second	nd Line Third Line	Fourth Line	Fifth Line	Bottom Top B	ar All None)
SN 1	Frame Name	Count SN	Effect	Color	Parameter	U	
2	frame2		Monocinome			-	

6. 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.

	ESC * F1 * F2 F3 ·· · ! ·				Image: second secon	SL PB PU PO NUM / • - 7 8 9 + 4 5 6 1 2 3 DNTER
		-				
	First Line	Second Lin	he Third Line	Fourth Line	Fifth Line All	None
SN	Frame Name	Count	SN Effect	Color	Parameter	U U
1	frame1	3		D/ADVECT	100	
2	frame2	3				
3	frame3	3				
4	frame4	3				
5	frame5	3				A97EFF 169 126 255 1
						Hex R G B A
+			+ 0			
Soft V	/ersion: 6.0.0.37 Release Date	e: 2020-11-19			GK6+V6	

7. 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.

র্চ্ব	Configurations 👸 LE Files 🖹 Macros	
	Ŷ	
	*2 51 68 0 C 10 F	•
	Image: state	-
TAB	W E R T Y U I O P () 1 7 8 9	
CAPS	A S D F G H J K L ;; ", ENTER 4 5 6	
SHET	Z X C V B N M 5, ? 7 5#7 🔺 1 2 3	ENTER
CONTROL OPTION		DATEN
First Line	Second Line Third Line Fourth Line Fifth Line Sixth Line Bottom All Nor	ne

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

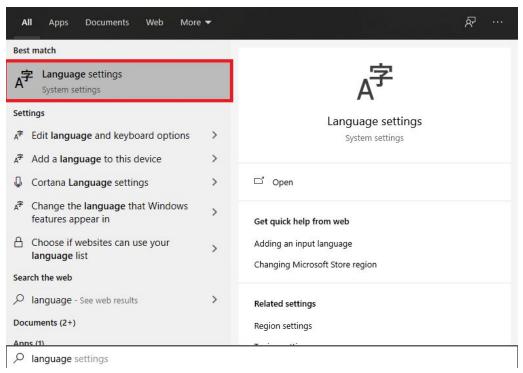
Layout Section

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



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

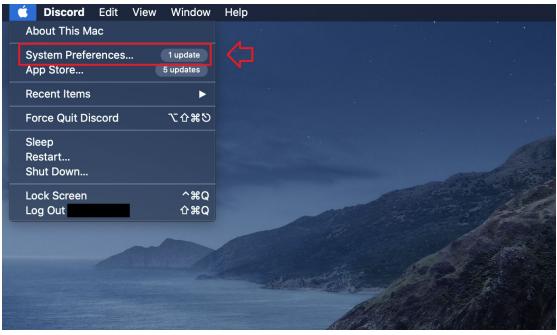
3. Click the "Add a keyboard" button

	uage pack
Ĩ	Irish QWERTY
Ē	Scottish Gaelic QWERTY
Ē	United Kingdom QWERTY
_	United States-Dvorak DVORAK
Ē	United States-Dvorak for left hand DVORAK L
<u>وسا</u> ر +	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.



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

								1. 1545	
	Apple ID, iClou	ıd, Media and	App Store			Apple ID	Family Sharing		
General	Desktop & Screen Saver	oszo 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			
Java									

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

-	••• C T THE Keyboard Chearch	Carlos Contraction
a months	Keyboard Text Shortcuts Input Sources Dictation	S MARCE
	Key Repeat Delay Until Repeat	
	Off Slow Fast Long Short	
a free	Adjust keyboard brightness in low light	Company and
	Turn 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 😒	100 m
	Show keyboard and emoji viewers in menu bar	
	Customise Control Strip Modifier Keys	
	Set Up Bluetooth Keyboard ?	

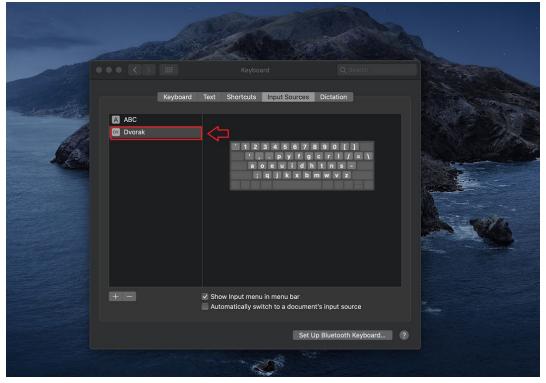
3. Select "Input Sources" when you are at the Keyboard settings.

		Keyboard	Q Search	
Carthe		Text Shortcuts Input Source		
	Q	qwerty asdfgh	7890-= uiop[]\ iki; nm,/	
		Show Input menu in menu bar		
			et Up Bluetooth Keyboard	•

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

		Keyboard	Q Search	
	Browse using languag English Ainu Albanian Arabic Armenian Assamese Azerbaijani Belarusian Bengali Bodo Bulgarian Q Search	e and select an input source to add British - PC Canadian English Colemak Dvorak Dvorak - Left-Handd Dvorak - QWERTY 3 Dvorak - Right-Hand Liab 1 2 3 4 5 6 4	ed	
+	-	Show Input menu in menu bar	et Up Bluetooth Keyboard	2

5. Select the "Add" button when you find the keyboard layout you want.



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

Remapping A Single Key

We will be remapping the "S" key to the Space key to show how it works.

থ্	🚟 Configurations 谈: LE Files 🗎 Macros	
Model: GK96XS-RGB Firm Version: v1.10		
TAB Q CAPS	W E R T Y U I O P 1 1 7 8 9 +	
SHET		i
Standard	Layer2 Layer3 Driver1 🖸 🗈 1 🛨 🗸 🗸	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 Lay	er Switch	🗏 Guidel >
ESC	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS SL	РВ
• 1	2 3 4		7 8			Backspace	INS HM	PU
Tab Q				O P			DEL END	PD
Caps	A S D			KL		Enter		
LShift \	Z X C		B N M			RShift		
LC LWin	LAIt		Space	RAI	t RWin M	enu RCtl		
* 6			∽]+ 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.



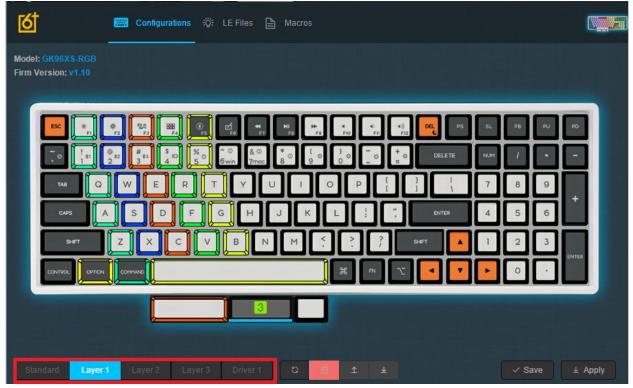
3. Press the key on the animated keyboard that you would like to edit. In this case, We are going to be assigning the A key to the Space key.

Model: GK96XS-RGB Firm Version: v1.10		
EC F; F; <td< td=""><td>$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \\ \end{array}{} \\ \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{}$</td><td>SL P8 PV P0 MM / • - 7 8 9 + 4 5 6 + 1 2 3 EVER • 0 • EVER</td></td<>	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \\ \end{array}{} \\ \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{}$	SL P8 PV P0 MM / • - 7 8 9 + 4 5 6 + 1 2 3 EVER • 0 • EVER
Standard Layer 1 Layer 2 Layer 3		✓ Save ± Apply Femp Layer Switch
< Primary Number Pad O Media	🐺 System/Net 🔮 Mouse 🗢 Disable 🏥 🗎	Femp Layer Switch 🛛 🗐 Guidel 🚿
ESC 😝 F1 F2 F3 F4	F5 F6 F7 F8 F9 F10 F11	F12 PS SL PB
	6 7 8 9 0 - + Back	space INS HM PU
Tab Q W E R T		\ DEL END PD
Caps A S D F G		ter
LShift \ Z X C V	B N M , . / RShift	
LCtl LWin LAIt	Space RAIt RWin Menu	RCti ← ↓ →
🖅 🗯 Combination: LCtrl	✓ + A	
Soft Version: 6.0.0.39 Release Date: 2020-12-15	GK6+ V6	

- 4. Press the key that you would like to assign to the keyboard, in this case, we are assigning the Spacebar. 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 Spacebar.



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

Model: GK96XS-RGB Firm Version: v1.10	
SHET Z X Press Light: No Config ••• 着 🗍 ? SHET 🔺 1 2 3	
Standard Layer1 Layer2 Layer3 Driver1 S 1 ± ✓ Save ± Appt	

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	er Switch	目 Guidel ⇒
ESC \varTheta	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS SL	РВ
1	2 3 4	5 6				Backspace	INS HM	PU
Tab Q	WEF	२ T		O P	[]		DEL	D PD
Caps	A S D		H J I	K L		Enter		
LShift \	ZXC	V	3 N M			RShift		
LCtl LWin	LAIt		Зрасе	RAI	t RWin M	lenu RCtl		
2 6	Combination: LC	ш 、	/ + R	© View				
Soft Version: 6.0.0.	30 Release Date: 2020-	05-12			GK6+ V6			

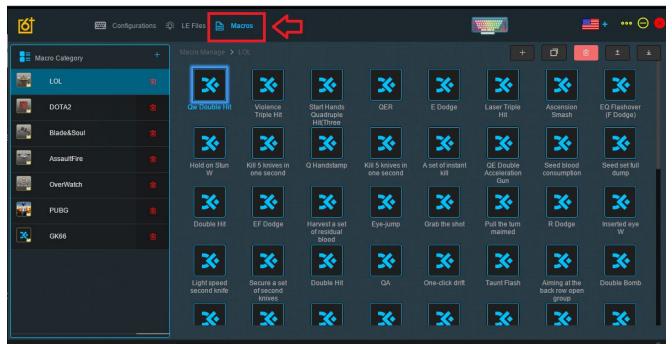
3. Select from this section what combination you would like to do. You need to select a main button from the dropdown and then a key from the virtual keyboard.

📟 Primary	🖬 Number Pad	⊙ Media	🖳 System/Net	🔮 Mouse	😑 Disable	🖺 Temp Lay	er Switch 🛛 🗏 Guidel 🗦
ESC \varTheta	F1 F2 F3	F4	F5 F6 F7	7 F8	F9 F10	F11 F12	PS SL PB
						Backspace	INS HM PU
Tab Q				0 P	[]]		DEL END PD
Caps	A S D			KL		Enter	
LShift \	ZXC		B N M			RShift	
LCtl LWin	LAIt		Space	RAIt	RWin M	lenu RCti	
27 C	Combination:	C1/1	~ + 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

Creating a New Macro Category



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

6	E	📰 Configurations :Ö	LE Files 🗎 Ma	acros				<u> </u>		=+ ••• 🖯 🧧
∎≣ M	lacro Category	+	Input Macro Packag	je Namı +	Confirm					1 ±
	LOL	Û	*	*	*	*	*	*	*	*
	DOTA2		Qw Double Hit	Violence Triple Hit	Start Hands Quadruple	QER	E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
	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	1								
	PUBG			*	*	*	*	*	*	*
8	GK66	•	Double Hit	EF Dodge	Harvest a set of residual blood	Eye-jump	Grab the shot	Pull the turn maimed	R Dodge	Inserted eye W
			*	*	*	*	*	*	*	X
			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>ত</u> †		Configurations	:Ö: LE Files 🗎 Mac	ros		📕 + 🚥 🖯 🖲
8≣ м	acro Category			+ Confirm	+ 0	± ±
	LOL					
.	DOTA2					
1	Biade&Soul					
-84. -	AssaultFire					
0	OverWatch					
	PUBG					
*	GK66					
*	Tutorial					

You will now see your Macro Category.

Creating a Macro

6		🚟 Configurations 🗧	ộ: LE Files 📄 Macros			📕 + \cdots 🖯 🏉
8≣ N	lacro Category		Macro Manage 🗲 Tutorial	Input Macro Name	+ Confirm > +	Î 1 ±
	LOL					
	DOTA2					
1	Blade&Soul					
	AssaultFire					
	OverWatch					
	PUBG					
×	GK66					
×.	Tutorial					

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

17 July 19 Jul								
8≣ м	lacro Category		Macro Manage > Tutorial			+ 0	1 1	
	LOL	•	*					
	DOTA2	•	Tutorial 1					
<u>~</u>	Blade&Soul							
	AssaultFire							
	OverWatch	۲						
	PUBG	1						
*	GK66	t						
×.	Tutorial							
Macro I		Recordi	ding 🕨					
Tutori			1					
Delay n					No Data			
	cording delay				No Data			
	nimum delay(5ms) 00 ms delay							
Soft Ver	rsion: 6.0.0.30 Release Date: 2	2020-05-12		GK6+ V6		©makeby	vself Powered By:n	makebyself

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

Recording a Macro

📑 Ma	acro Category		Macro Manage > Tuto				+ 0	Ō		¥
*	LOL	8	*							
	DOTA2	Û	Tutorial1							
<u></u>	Blade&Soul	ø								
	AssaultFire	Û								
8	OverWatch	a								8
	PUBG	a								
*	GK66	Ť.								
8	Tutorial									
Macro N		Recordi	ng 🕨							
Tutoria			1							
Delay m						No Data				
	ording delay mum delay(5ms)					NU Data				
1882	0 ms delay									1
Soft Vers	ion: 6.0.0.30 Release Date	: 2020-05-12		GK6-	+ V6		©makeb	yself Power	ed By:mak	ebyself

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

Macro Name	-	L		•	ĸ
Tutorial1	ଙ		ms		
	±	"L"			
Delay mode	C	610	ms		
Recording delay	±	"O"		Û	R
Minimum delay(5ms)	_				
1000 ms delay	ଙ		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

থ্ব		📟 Configurations 🗄	iğ: LE Files 📄 M	acros	3		I			≣ + …⊖ ∉
	acro Category		Macro Manage >							1 ±
	LOL		*	*	*	*	*	*	*	*
	DOTA2		Qw Double Hit	Violence Triple Hit	Start Hands Quadruple		E Dodge	Laser Triple Hit	Ascension Smash	EQ Flashover (F Dodge)
<u>~</u>	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
	OverWatch									
	PUBG		*	*	*	*	*	*	*	*
*	GK66		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
			*	*	*	*	*	*	*	*

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

6		📟 Configurations 兴	注 LE Files 📔 Macros		📕 + 🚥 🖯 🥌
E Ma	acro Category	+	Macro Manage > Tutorial	+ 0	1 1 ±
	LOL	•	× 🖒		
	DOTA2	¢.	Tutorial		
*	Blade&Soul	<u>i</u>			
	AssaultFire	Ø			
	OverWatch	a			
	PUBG	8			
×	GK66	8			
	Tutorial	Ð			
Macro N			▶ ± "Н"		
Tutoria			99 ms		
Delay m			± "H"		
	ording delay		C 181 ms		
and an end			← <u>★</u> "E"		
• 100	0 ms delay		C 119 ms		

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

Assigning A Macro To A Key

র্চ্ব	😇 Configurations 🎁 LE Files 🖹 Macros	
Model: GK96XS-RGB Firm Version: v1.10	仑	
ESC * r1	* 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	W E R T Y U I O P [] 7 8 9 + S D F G H J K L ; ", DMER 4 5 6 +	
	Z X C V B N M S ? ? SHET A 1 2 3 COMMAND W N N N N N N N N N N N N N N N N N N	
Standard Layer	1 Layer 2 Layer 3 Driver 1 🕄 📋 🛨 🚽 🗸 🗸 🖌	Apply

1. Head to the configuration tab in the software.

Model: GK96XS-RGB Firm Version: v1.10	Light Effect Setting (145)
TAB Q W E R T Y U I O P $\frac{1}{2}$ $\frac{1}{7}$ 7 8 9 + CMS A S D F G H J K L $\frac{1}{7}$ P H 4 5 6 + 94T Z X C V B M $\frac{1}{7}$ $\frac{2}{7}$ $\frac{1}{7}$ 2 3 NTM CONTROL CONTROL CONTROL CONTROL $\frac{1}{7}$ <	LE Files Input keywords Q Colored clouds flying LOL DOTA2
Standard Layer1 Layer2 Layer3 Driver1 C 1 ± ✓ Save ± Apply	Blade&Soul AssaultFire OverWatch PUBG GK66 ler @ View
<	Tutorial

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

থ্য	🚟 Configurations 🔅 LE Files 🖹 Macros	
Model: GK96XS-RGB Firm Version: v1.10		
ESC * FI CONTROL OPT	$\begin{array}{c} * & & & \\ & & & \\ & &$	
Standard Lay	er1 Layer2 Layer3 Driver1 😋 🏦 🛨 🖌 🗸 Save 🚽	2 Apply

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 the Z key.

Standard L	ayer1 Layer2	Layer 3	Driver 1 Q	Î Î				Apply	Tutorial 🔶 👁 View
< 🔤 Primary	🖬 Number Pad	🛈 Media	🖳 System/Net	🛿 Mouse	e 😑 Disable	💼 Temp Lay			Macro Setting
					F9 F10		PS SL	РВ	Tutorial 🗸 Input keywords Q
						Delete		PU	Tutorial1
								PD	
						Return			
LShift \						RShift			
LCtl LCmo	d LOpt		Space		ROpt RCmd M	Aenu RCti			Execute after 1 times to stop Btton release to stop
<i>tt</i> 🔥			∽ + Enter	© View			© View		Btton press again to stop
Soft Version: 6.0.0.	.30 Release Date: 2020	-05-12			GK6+ V6				©makebyself Powered By:makebyself

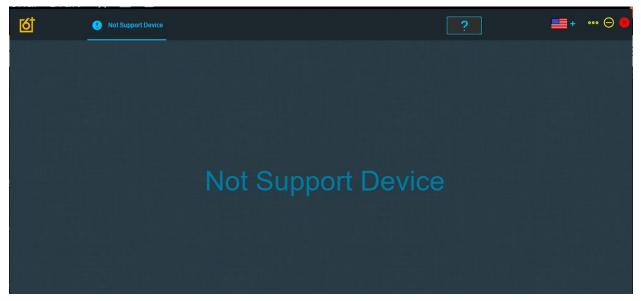
- 4. After selecting the key and the macro, click view and you will see the macros name flashing on the key.
- 5. Click Save and Apply.

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.
- Please try to use the following version of the software: <u>http://cloudmouse.oss-cn-beijing.aliyuncs.com/AppData/41/GK6XPlus%20Driver6.0.0.38</u> <u>.exe</u>

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.

হ্ব	🚟 Configurations 🔅 LE Files 🖹 Macros	
Model: GK96XS-RGB Firm Version: v1.10		
TAB CAUS SHITT CONTROL LAB	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \\ \end{array}{} \\ \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \end{array}{} \\ \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \\ \end{array}{} \end{array}{} \end{array}{} \end{array}{} \begin{array}{c} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{} \end{array}{$	
Standard Layer	1 Layer 2 Layer 3 Driver 1 C 1 ± Save ±	Apply

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.

Primary	🖬 Number Pad	🖸 Media	🖳 System/Net	ピ Mouse	😑 Disable	🍺 Temp Layer Switch		n 🗏 Guidel >	
ESC 😝	F1 F2 F3	F4	F5 F6 F7	F8	F9 F10	F11 F12	PS S	L	
						Delete	INS H	M PU	
Tab Q				O P			DEL EN	ND PD	
Caps				K L		Return			
LShift \	Z X C		B N M			RShift			
LCt LCmd	LOpt		Space	RO	pt RCmd M	enu RCtl			
12 C				© View					

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



- 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



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 + 4**. **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 + 4** for it to go back to the colour you have chosen.