

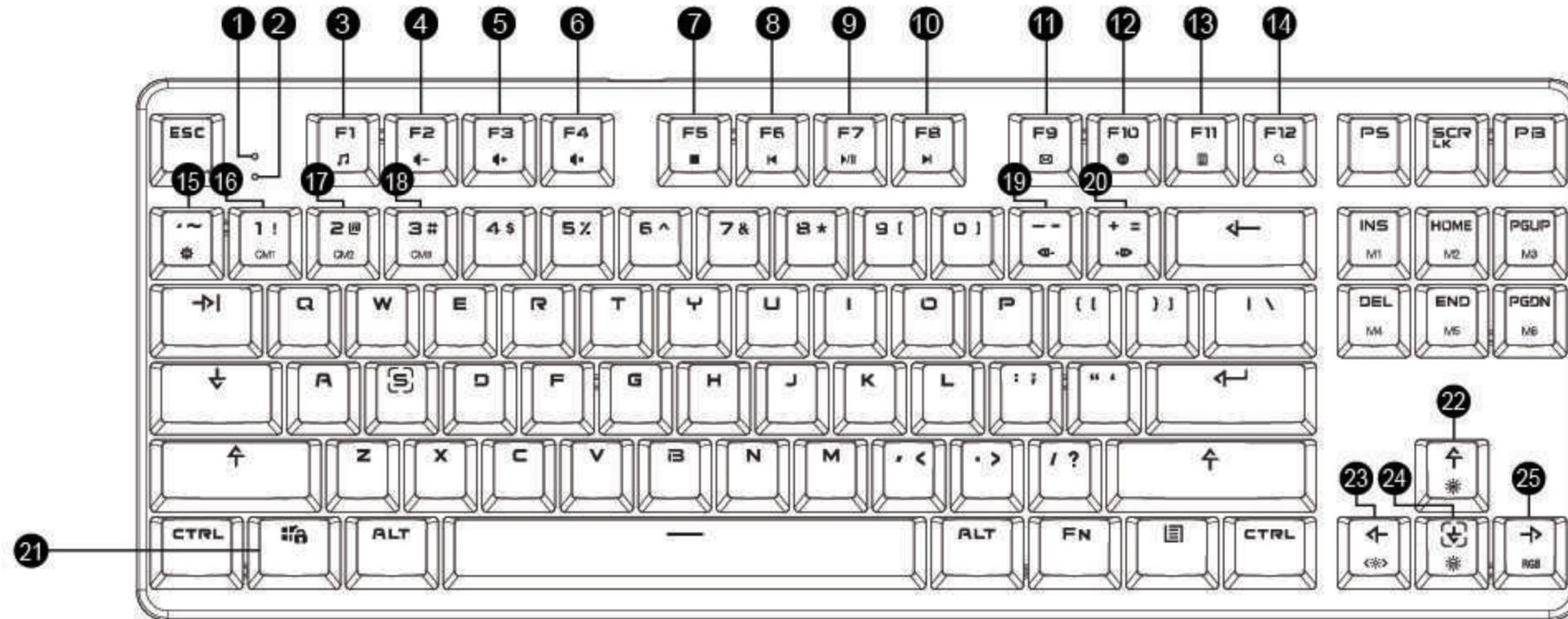


PHANTOM

BACKLIT MECHANICAL KEYBOARD

Quick Start Guide

Key Features



① Caps Lock

② Scroll Lock

③ Media Player

④ Volume -

⑤ Volume +

⑥ Mute

⑦ Stop

⑧ Previous Track

⑨ Play / Pause

⑩ Next Track

⑪ Email

⑫ Web

⑬ Calculator

⑭ Search

⑮ Customize Key Lighting

⑯ Custom Mode 1

⑰ Custom Mode 2

⑱ Custom Mode 3

⑲ LED Lighting Speed Decrease

⑳ LED Lighting Speed Increase

㉑ Lock Windows Key

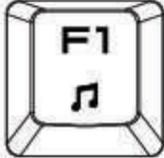
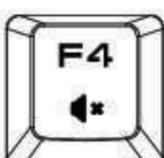
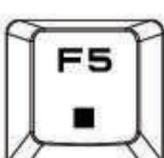
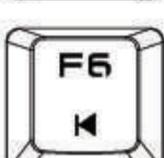
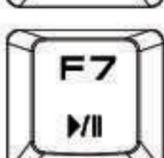
㉒ Brightness Increase

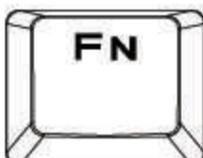
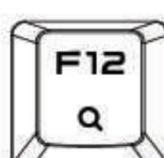
㉓ Toggle LED Direction

㉔ Brightness Decrease

㉕ Toggle RGB Color

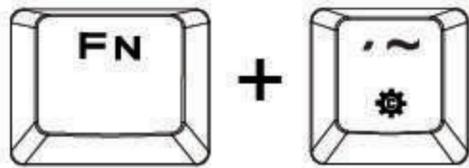
Multimedia Function Keys

	+		=	Media Player
	+		=	Volume Decrease
	+		=	Volume Increase
	+		=	Volume Mute
	+		=	Stop
	+		=	Reverse
	+		=	Play / Pause

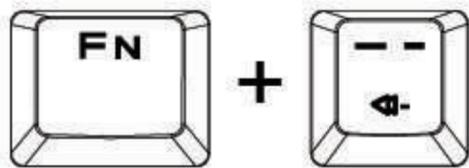
	+		=	Forward
	+		=	Email
	+		=	Web
	+		=	Calculator
	+		=	Search
	+		=	Lock Windows Hotkey

LED Settings

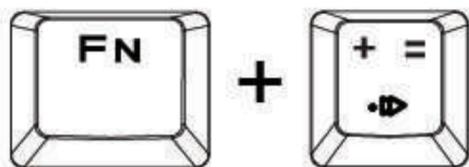
Customize Game Keys Color



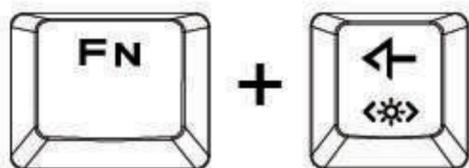
LED Lighting Speed Decrease



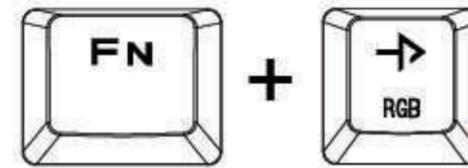
LED Lighting Speed Increase



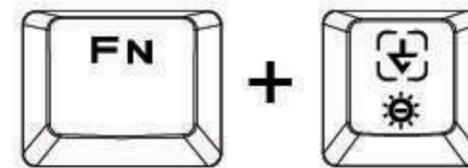
Toggle LED Direction



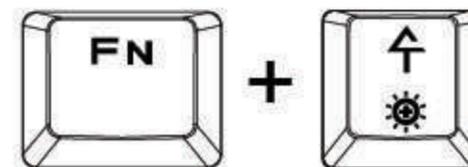
Toggle Fixed Color



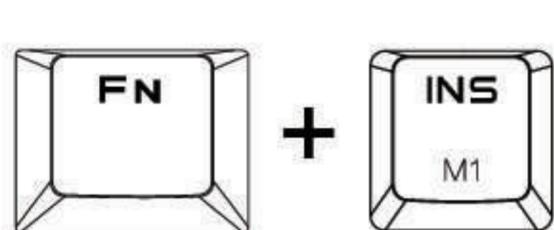
LED Lighting Brightness Decrease



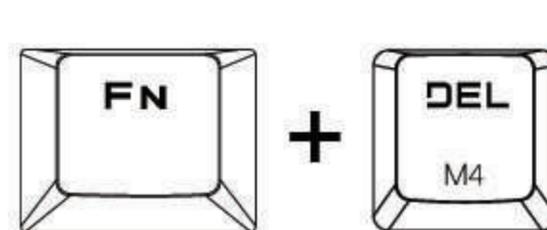
LED Lighting Brightness Increase



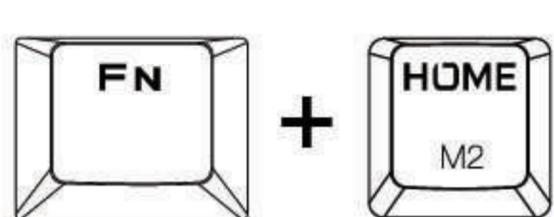
Various LED modes can be triggered by Fn + Mode Keys



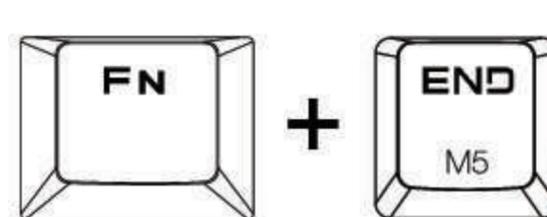
- ① Fixed Color
- ② Reactive - Single On
- ③ Reactive - Single Off



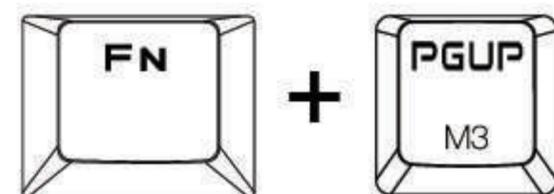
- ① Reactive - Ripple
- ② Reactive - Horizontal
- ③ Reactive - Launch



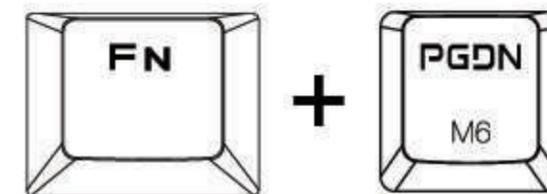
- ① Horizontal Wave
- ② Vertical Wave
- ③ Hurricane



- ① Breathing - Fixed Color
- ② Breathing - Cycle Color
- ③ Horizontal Ripple



- ① Rain Drops
- ② Glitter
- ③ Swirl



- ① Sine Wave
- ② Horizontal Scroll
- ③ Diagonal Scroll

Custom Mode (Edit Individual Keys)

How to set custom LED colors per key:

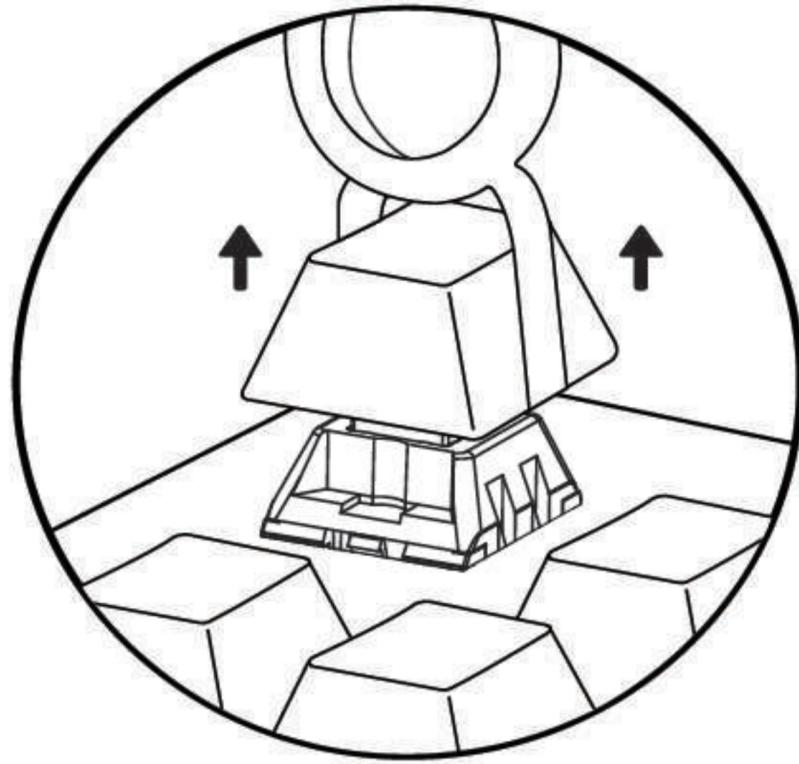
STEP 1 : Press **FN + 1 / 2 / 3** to load a Custom Mode.

STEP 2 : Press **FN + ~** to enter Edit mode.

STEP 3 : Press on any key to set its color.

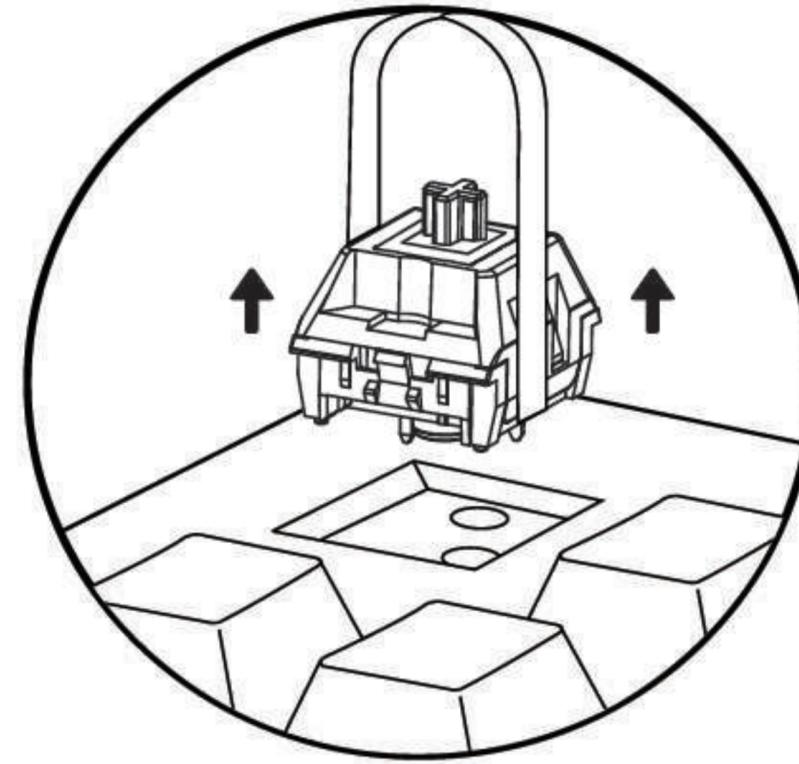
STEP 4 : Press **FN + ~** to exit and save changes.

Note: Custom LED Mode can also be accessed via the Phantom L Software. Download it at www.tecware.co/software (not compatible with Mac OS/Linux).



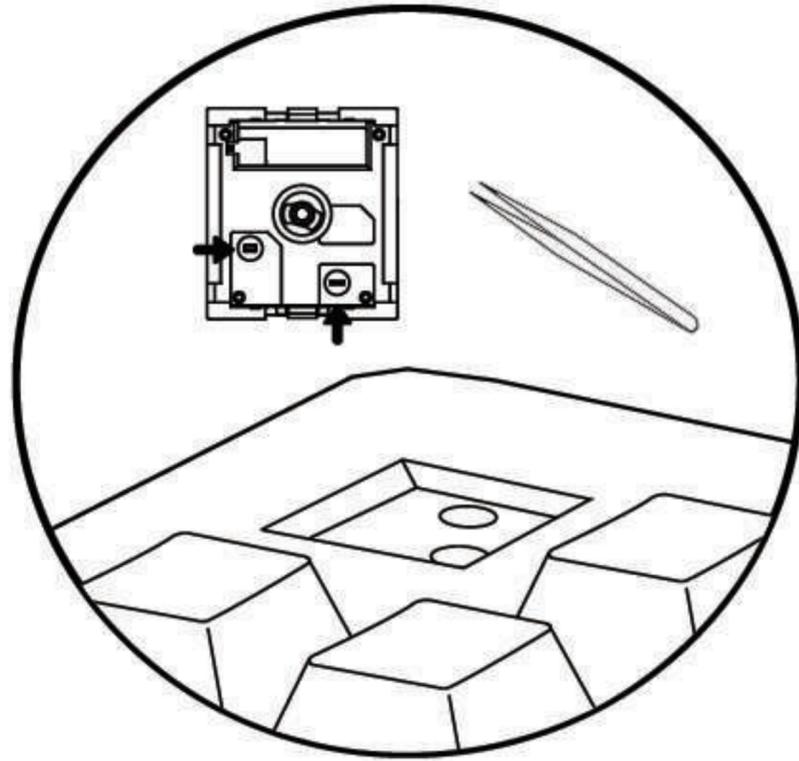
STEP 1 : Keycap Removal

Use the supplied keycap puller and press down on to the keycap to secure the puller on it. Pull the keycap puller directly upwards to remove the keycap. If the switch is removed as well, simply pull the keycap off the switch and just reattach the switch on to the keyboard.



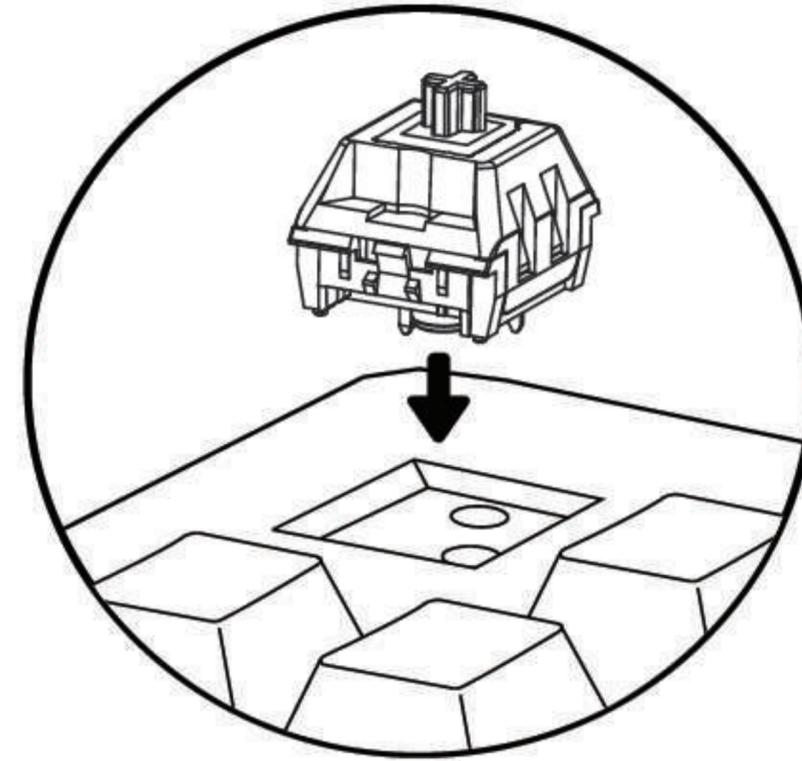
STEP 2 : Switch Removal

Rotate the switch puller too to a vertical position to coincide with the switch locks located at the top and bottom of each switch. Push the switch locks in and pull the switch puller directly upwards. We suggest to take extra care when removing switches so as not to bend the switch pins. Please also take extra caution so as not to scratch the keyboard's backplate.



STEP 3 : Check switch pins

Please inspect each switch to make sure the switch pins are straight before inserting them to the keyboard. Make necessary adjustments if needed as inserting them with bent switch pins may further damage the switch.



STEP 4 : Inserting a new switch.

Align the switch pins to the holes of the keyboard. The switch will snap on to place and test immediately for response.

Package Contents

- TECWARE PHANTOM L
- Spare Mechanical Switch x 4
- Keycap Puller x 1
- USB-C to USB Cable
- Switch Puller x 1

System Requirements

- PC with USB port
- Windows 7/8/10, Mac

Installation

- Plug your TECWARE PHANTOM L into the USB port of your PC.
No driver installation is required for this product, the operating system should auto detect the keyboard when you plug it into your computer.

Warranty

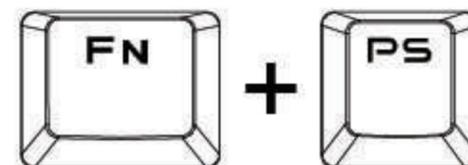
- 1 Year. Please contact your local distributor for support.

Spare Mechanical Switch Kit

There might be occasions where a mechanical switch might fail. Please refer to our website at www.tecware.co for instructions on how to easily replace the faulty switch on your keyboard.

Restoring Factory Settings

Press and hold **FN + PS** (Print Screen) for 3~5 seconds until you see the keyboard flashing.



TECWARE

www.tecware.co