



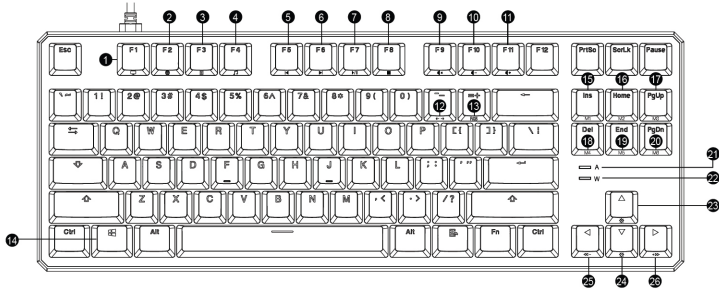
# PHANTOM+

RGB MECHANICAL KEYBOARD

Quick Start Guide

## Key Features

## PHANTOM+ 87 Keys



① My Computer

② Home

③ Calculator

④ Media Player

⑤ Reverse

⑥ Forward

⑦ Play / Pause

⑧ Stop

⑨ Volume Mute

⑩ Volume Decrease

⑪ Volume Increase

⑫ LED Lighting Direction

⑬ LED Palette

⑭ Windows Lock

⑮ Lighting Mode 1

⑯ Lighting Mode 2

⑰ Lighting Mode 3

⑱ Lighting Mode 4

⑲ Lighting Mode 5

⑳ Lighting Mode 6

㉑ Caps Lock Indicator

㉒ Windows Lock Indicator

㉓ Brightness Increase

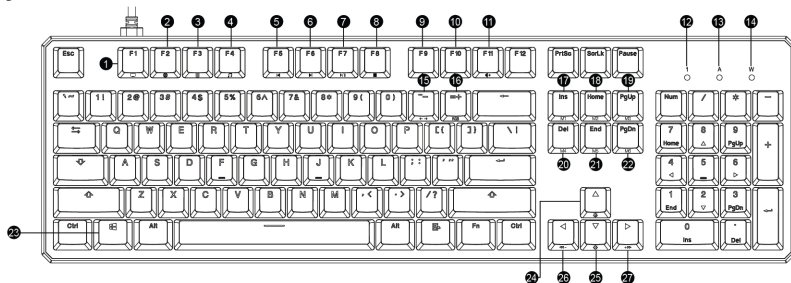
㉔ Brightness Decrease

㉕ LED Lighting Speed Decrease

㉖ LED Lighting Speed Increase

## Key Features

## PHANTOM+ 104 Keys



① My Computer

② Home

③ Calculator

④ Media Player

⑤ Reverse

⑥ Forward

⑦ Play / Pause

⑧ Stop

⑨ Volume Mute

⑩ Volume Decrease

⑪ Volume Increase

⑫ Num Lock Indicator

⑬ Caps Lock Indicator

⑭ Windows Lock Indicator

⑮ LED Lighting Direction

⑯ LED Palette

⑰ Lighting Mode 1

⑱ Lighting Mode 2

⑲ Lighting Mode 3

⑳ Lighting Mode 4

㉑ Lighting Mode 5

㉒ Lighting Mode 6

㉓ Windows Lock















㉔ Brightness Increase



















㉕ Brightness Decrease

㉖ LED Lighting Speed Decrease

㉗ LED Lighting Speed Increase













## Multimedia Function













	+		=	<b>Fn + F1</b> My Computer
	+		=	<b>Fn + F2</b> Home
	+		=	<b>Fn + F3</b> Calculator
	+		=	<b>Fn + F4</b> Media Player
	+		=	<b>Fn + F5</b> Reverse
	+		=	<b>Fn + F6</b> Forward
	+		=	<b>Fn + F7</b> Play / Pause

	+		=	<b>Fn + F8</b> Stop					
	+		=	<b>Fn + F9</b> Voume Mute					
	+		=	<b>Fn + F10</b> Volume Decrease					
	+		=	<b>Fn + F11</b> Volume Increase					
	+		=	<b>Fn + </b> Windows Lock					
	+		=	<b>Fn + Esc</b> Turn On/Off LEDs					
	+		+		+		+		=
<b>Fn + ESC + F1 + F3 + F5 = Reset to Factory Settings</b>									



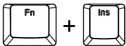
## RGB Controls

	+		=	<b>Fn + Ins</b> Lighting Mode 1
	+		=	<b>Fn + Home</b> Lighting Mode 2
	+		=	<b>Fn + PgUp</b> Lighting Mode 3
	+		=	<b>Fn + Del</b> Lighting Mode 4
	+		=	<b>Fn + End</b> Lighting Mode 5
	+		=	<b>Fn + PgDn</b> Lighting Mode 6

	+		=	<b>Fn + --</b> LED Lighting Direction
	+		=	<b>Fn + =+</b> LED Palette
	+		=	<b>Fn + ◀</b> LED Lighting Speed Decrease
	+		=	<b>Fn + ▶</b> LED Lighting Speed Increase
	+		=	<b>Fn + ▲</b> LED Lighting Brightness Increase
	+		=	<b>Fn + ▼</b> LED Lighting Brightness Decrease

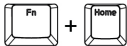
## Various LED modes can be triggered by Fn + Mode Keys

### Lighting Mode 1



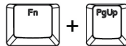
- ① Breathing - Cycle Color
- ② Breathing - Fixed Color
- ③ Fixed Color

### Lighting Mode 2



- ① Reactive - Ripple
- ② Reactive - Single
- ③ Reactive - Horizontal

### Lighting Mode 3



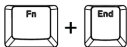
- ① Sine Wave
- ② Vortex
- ③ Rain Drops

### Lighting Mode 4



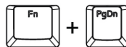
- ① Horizontal Wave
- ② Pulse Wave
- ③ Hurricane

### Lighting Mode 5



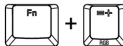
- ① Vertical Wave
- ② Waterfall
- ③ Swirl

### Lighting Mode 6



- ① Diagonal Wave
- ② Fixed Color
- ③ Ripple

## Spectrum Selection Mode (LED Palette)



Press <Fn + "="+> to activate this mode. Your keyboard will transform into a color palette with each key being a different color.

Press on the key with your desired color. Press "=" key for Rainbow color.

*More modes of functions can be accessed via our software. You can download it at [www.tecware.co](http://www.tecware.co)*

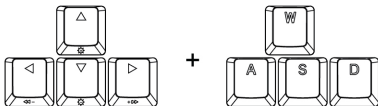
*Software only works with Windows.*

## Reset to Factory Settings



Press and hold "FN+ESC+F1+F3+F5" for 3 seconds and release.  
Your keyboard LEDs should reset.

## Swap Arrow Keys & WASD



Press and hold "Fn+W" for 3 -5 seconds to swap Arrow Keys  
and WASD Keys.

# Macro

## To Create a Macro

**STEP 1** : Click on the Macro Management Tab and Click on the "+" sign to create new macro.

**STEP 2** : Select the newly created Macro and Type your macro name in the box below. Click on "Rename" to rename the selected macro.

**STEP 3** : Click on "REC" to start recording the macro instructions. Click on "STOP" to save macro.

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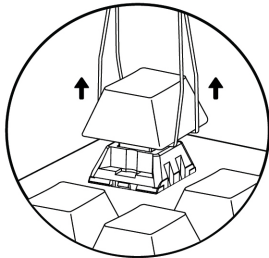
## To Assign a Macro

**STEP 1** : Select the "Button Settings" Tab.

**STEP 2** : Click on the key you would like to assign the macro and select "Macro Function".

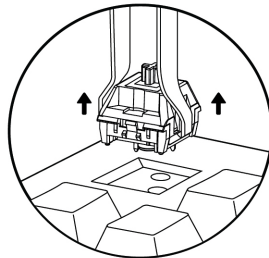
**STEP 3** : Select the macro you selected and choose the preferred releasing method.

**STEP 4** : Press "Save Icon" to save settings.



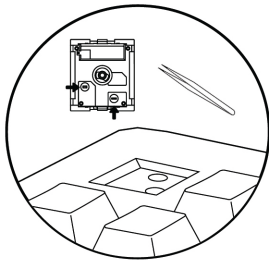
### STEP 1 : Keycap Removal

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.



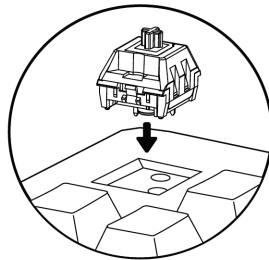
### STEP 2 : Switch Removal

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+ Keyboard
- Spare Mechanical Switch x 4
- Keycap Puller x 1
- Switch Puller x 1
- Braided USB-C Cable x 1

## System Requirements

- PC with USB port
- Windows 10 & 11, Mac

## Installation

- Plug your keyboard 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](http://www.tecware.co) for instructions on how to easily replace the faulty switch on your keyboard.

T E C W A R E

[www.tecware.co](http://www.tecware.co)