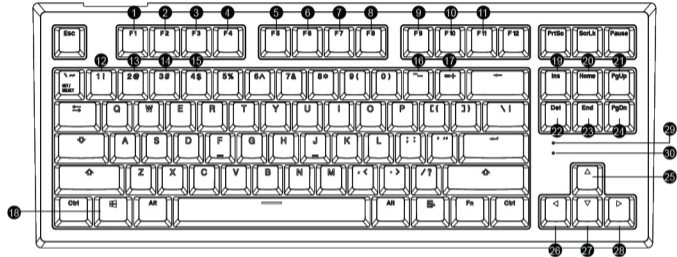


TECWARE

PHANTOM+ **ELITE**  
RGB MECHANICAL KEYBOARD 87 KEYS

Quick Start Guide

## Key Features

















- 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 BT Device 1
- ⑬ BT Device 2
- ⑭ BT Device 3
- ⑮ Wireless 2.4G Mode
- ⑯ LED Lighting Direction

- ⑰ LED Color Selection
- ⑱ Windows Lock
- ⑲ Lighting Mode 1
- ⑳ Lighting Mode 2
- ㉑ Lighting Mode 3
- ㉒ Lighting Mode 4
- ㉓ Lighting Mode 5













- ㉔ Lighting Mode 6
- ㉕ Brightness Increase
- ㉖ Brightness Decrease
- ㉗ LED Lighting Speed Decrease
- ㉘ LED Lighting Speed Increase
- ㉙ Caps Lock Indicator
- ㉚ Power Indicator













## 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> Volume Mute
	+		=	<b>Fn + F10</b> Volume Decrease
	+		=	<b>Fn + F11</b> Volume Increase
	+		=	<b>Fn + </b> Windows Lock
	+		=	<b>Fn + ESC</b> Reset to Factory Settings <i>(Hold for 3-5 Seconds)</i>

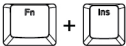
## RGB Controls

	+		=	<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 Color Selection
	+		=	<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

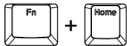
## Various LED modes can be triggered by Fn + Mode Keys

### Lighting Mode 1



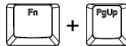
- ① Breathing - Cycle Color
- ② Breathing - Fixed Color
- ③ Fixed Color

### Lighting Mode 2



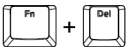
- ① Reactive - Ripple
- ② Reactive - Single
- ③ Reactive - Horizontal

### Lighting Mode 3



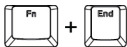
- ① Sine Wave
- ② Vortex
- ③ Rain Drops

### Lighting Mode 4



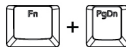
- ① Horizontal Wave
- ② Pulse Wave
- ③ Hurricane

### Lighting Mode 5



- ① Vertical Wave
- ② Waterfall
- ③ Swirl

### Lighting Mode 6



- ① Diagonal Wave
- ② Fixed Color
- ③ Ripple

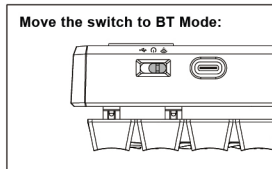
More modes of functions can be accessed via our software. You can download it at [www.tecware.co](http://www.tecware.co)

Software only works with Windows.

## BT Pairing

BT Name: "TWPE87 BT 3.0" or "TWPE87 BT 5.0"

1. Press and hold "FN+(1/2/3)" for 3 seconds until LED is blinking.
2. Turn on Bluetooth for the device you wish to connect to and connect to "TWPE87 BT 3.0" or "TWPE87 BT 5.0". Depending on which BT mode you would like to use.
3. Once the LED stops blinking, your keyboard is now paired to your device.
4. You can pair up to 3 devices via BT.

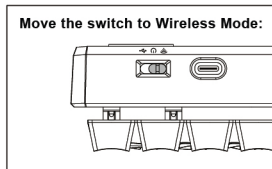


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## 2.4G Wireless Pairing



2.4G Wireless Name: 2.4G Wireless Receiver



1. Press and hold "FN+ 4" for 3 seconds until LED is blinking.
2. Plug the USB dongle into your PC.
3. Once the LED stops blinking, your keyboard is now paired.





## Connectivity

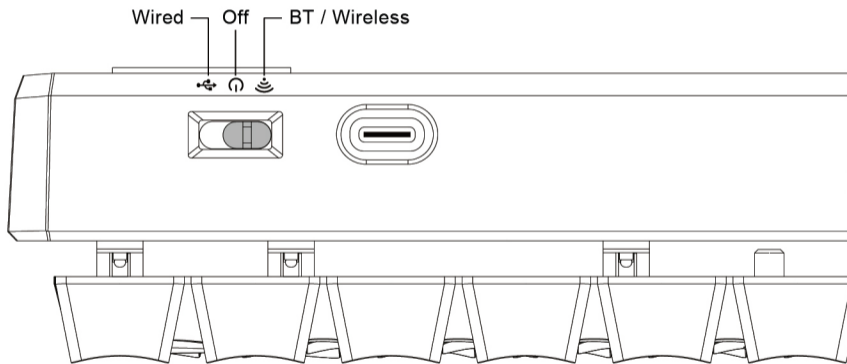
 +  = **Fn + F1!**  
BT Device 1

 +  = **Fn + F2@**  
BT Device 2

 +  = **Fn + F3#**  
BT Device 3













 +  = **Fn + F4\$**  
Wireless 2.4G Mode

## Switch Functions








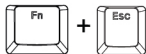
## Power Indicator

 A	 A	 A	 A
 	 	 	 
<b>0 - 20%</b> Red LED	<b>20 - 50%</b> Yellow LED	<b>50 - 90%</b> Green LED	<b>90 - 100%</b> White LED

## Windows / Mac Mode

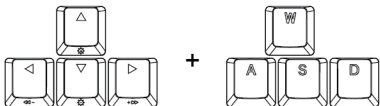
 A	Press and hold FN+Q for 3 seconds until "Caps" Key blinks 5 times.
 	

## Reset to Factory Settings



Press and hold "FN+ESC" until the LEDs on your keyboard 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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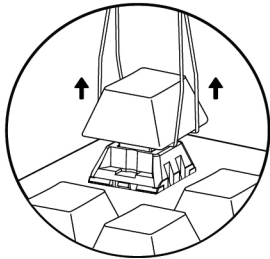
## To Assign a Macro

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

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

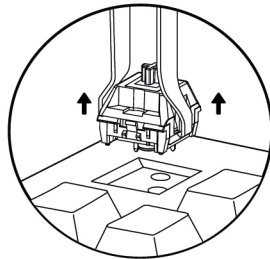
**STEP 3** : Select the macro you selected and choose the preferred releasing method.

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



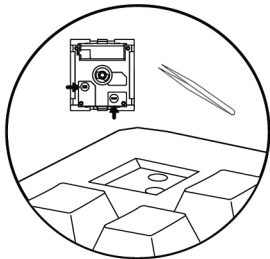
### **STEP 1 : Keycap Removal**

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.



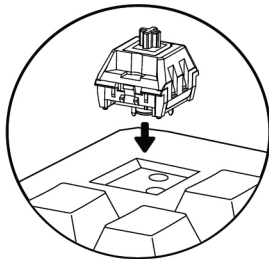
### **STEP 2 : Switch Removal**

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+ ELITE Keyboard
- Spare Mechanical Switch x 4
- Keycap Puller x 1
- Switch Puller x 1
- Coiled USB-C Cable x 1
- 2.4GHz Wireless USB Dongle

## Installation

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)