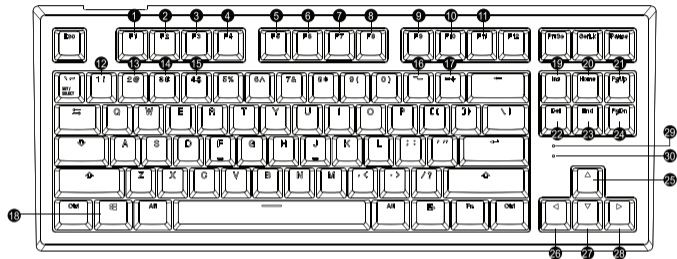


TECWARE

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

 +  = **Fn + F1**
My Computer



 +  = **Fn + F2**
Home



 +  = **Fn + F3**
Calculator


 +  = **Fn + F4**
Media Player



 +  = **Fn + F5**
Reverse



 +  = **Fn + F6**
Forward



 +  = **Fn + F7**
Play / Pause

 +  = **Fn + F8**
Stop

 +  = **Fn + F9**
Volume Mute



 +  = **Fn + F10**
Volume Decrease



 +  = **Fn + F11**
Volume Increase



 +  = **Fn + Windows**
Windows Lock



 +  = **Fn + ESC**
Reset to Factory Settings
(Hold for 3-5 Seconds)



RGB Controls



 +  = **Fn + Ins**
Lighting Mode 1



 +  = **Fn + Home**
Lighting Mode 2



 +  = **Fn + PgUp**
Lighting Mode 3



 +  = **Fn + Del**
Lighting Mode 4

 +  = **Fn + End**
Lighting Mode 5



 +  = **Fn + PgDn**
Lighting Mode 6



 +  = **Fn + ~**
Per Key LED
Customization



 +  = **Fn + --**
LED Lighting Direction

 +  = **Fn + =+**
LED Color Selection



 +  = **Fn + ◀**
LED Lighting Speed Decrease



 +  = **Fn + ▶**
LED Lighting Speed Increase


 +  = **Fn + ▲**
LED Lighting Brightness Increase



 +  = **Fn + ▼**
LED Lighting Brightness Decrease

Connectivity

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

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

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

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

Various LED modes can be triggered by Fn + Mode Keys

Lighting Mode 1



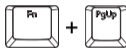
- ① Breathing - Cycle Color
- ② Breathing - Fixed Color
- ③ Fixed Color

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



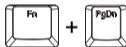
- ① Horizontal Wave
- ② Pulse Wave
- ③ Hurricane

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

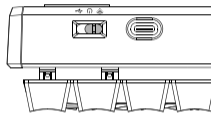
Software only works with Windows.

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.

Move the switch to BT Mode:

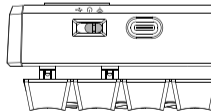


2.4G Wireless Pairing

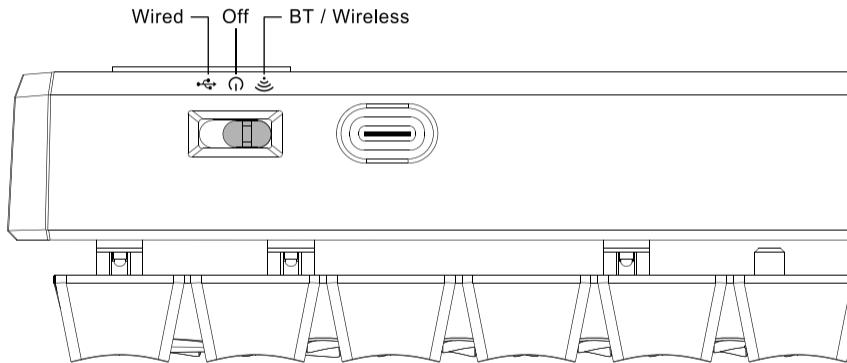
2.4G Wireless Name: 2.4G Wireless Receiver

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.













Move the switch to Wireless Mode:






Switch Functions



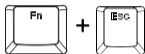
Power Indicator

 A	 A	 A	 A
 	 	 	 
0 - 20% Red LED	20 - 50% Yellow LED	50 - 90% Green LED	90 - 100% White LED

Windows / Mac Mode

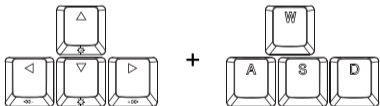
 A	Press and hold FN+Q for 3 seconds until "Caps" Key blinks 5 times.
 	

Reset to Factory Settings



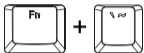
Press and hold "FN+ESC" until the LEDs on your keyboard reset.

Swap Arrow Keys & WASD



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

Per Key LED Customization



Press once to change to custom LED lighting profile.

Press again to enter edit mode. (Caps/Win Lock indicator will start flashing)

To Assign a LED Key Color

STEP 1 : Enter edit mode.

STEP 2 : Press ~ to cycle through to your desired LED color to assign.

STEP 3 : Press any key while in edit mode to assign the selected color.

STEP 4 : Exit edit mode to save color profile by pressing FN + ~ once more.

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.

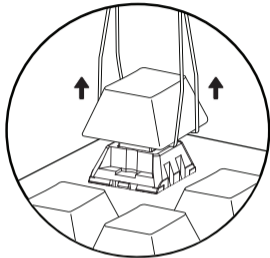
To Assign a Macro

STEP 1 : Select the "Button settings" Tab.

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

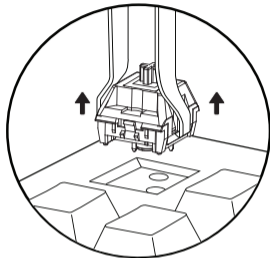
STEP 3 : Select the macro you selected and choose the preferred releasing method.

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



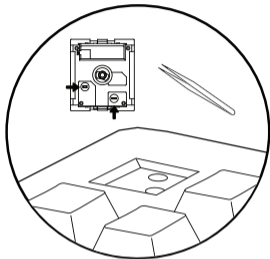
STEP 1 : Keycap Removal

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.



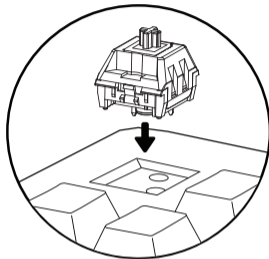
STEP 2 : Switch Removal

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 for instructions on how to easily replace the faulty switch on your keyboard.

T E C W A R E

www.tecware.co