TECWARE

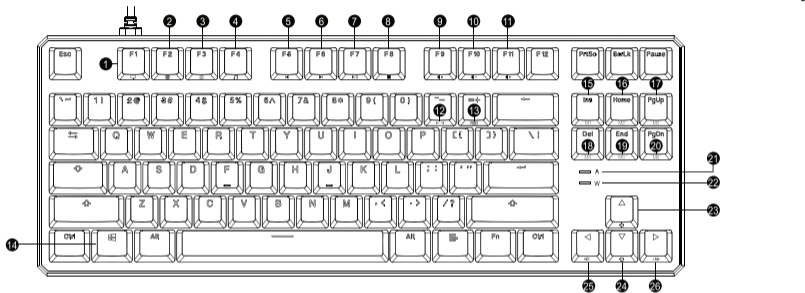# PHANTOM+
RGB MECHANICAL KEYBOARD

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 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
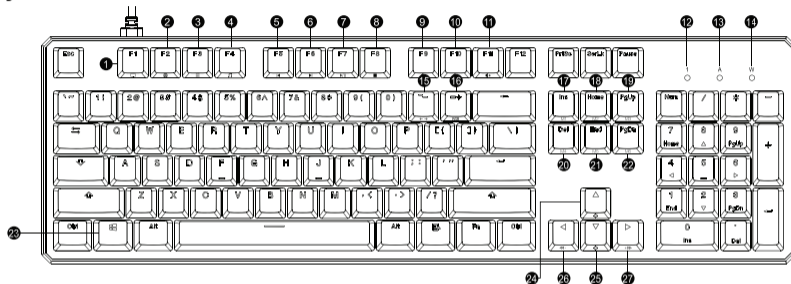㉒ Windows Lock Indicator
㉓ Brightness Increase
㉔ Brightness Decrease
㉕ LED Lighting Speed Decrease
㉖ LED Lighting Speed Increase

Key Features

PHANTOM+ 104 Keys

① My Computer
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⑥ Forward
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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
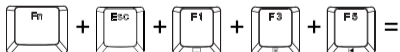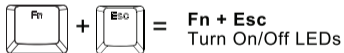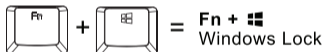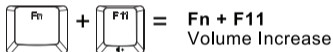㉑ Lighting Mode 5
㉒ Lighting Mode 6
㉓ Windows Lock
㉔ Brightness Increase
㉕ Brightness Decrease
㉖ LED Lighting Speed Decrease
㉗ LED Lighting Speed Increase

Multimedia Function

Fn + F1
My Computer

Fn + F2
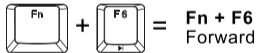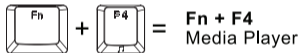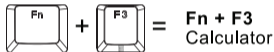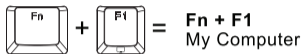Home

Fn + F3
Calculator

Fn + F4
Media Player

Fn + F5
Reverse

Fn + F6
Forward

Fn + F7
Play / Pause

Fn + F8
Stop

Fn + F9
Voume Mute

Fn + F10
Volume Decrease

Fn + F11
Volume Increase

Fn + ⊞
Windows Lock

Fn + Esc
Turn On/Off LEDs
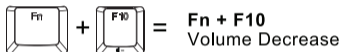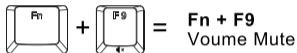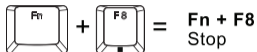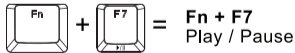
Fn + ESC + F1 + F3 + F5 = Reset to Factory Settings

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 Palette

Fn + ◄
LED Lighting Speed Decrease

Fn + ►
LED Lighting Speed Increase

Fn + ▲
LED Lighting Brightness Increase

Fn + ▼
LED Lighting Brightness Decrease

Various LED modes can be triggered by Fn + Mode Keys

Lighting Mode 1

`Fn` + `Ins`

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

Lighting Mode 2

`Fn` + `Home`

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

Lighting Mode 3

`Fn` + `PgUp`
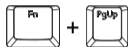
① Sine Wave
② Vortex
③ Rain Drops

Lighting Mode 4

`Fn` + `Del`

① Horizontal Wave
② Pulse Wave
③ Hurricane

Lighting Mode 5

`Fn` + `End`

① Vertical Wave
② Waterfall
③ Swirl

Lighting Mode 6

`Fn` + `PgDn`
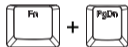
① Diagonal Wave
② Fixed Color
③ Ripple

Spectrum Selection Mode (LED Palette)   `Fn` + `+`
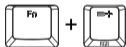
Press <Fn + "+"> to activate this mode. Your keyboard will transform into a color palette with each key being a different color.

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***
Software only works with Windows.

Reset to Factory Settings
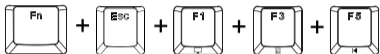
Fn + ESC + F1 + F3 + F5

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

Swap Arrow Keys & WASD

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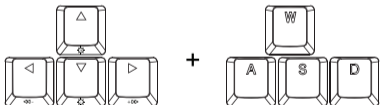
Press and hold "Fn+W" for 3 - 5 seconds to swap Arrow Keys
and WASD keys.

Per Key LED Customization
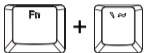
Fn + **~** Press once to change to custom LED lighting profile.
Press again to enter edit mode. (Caps/Win Lock indicator will start flashing)

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 prefered releasing method.

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

STEP 1 : Keycap Removal

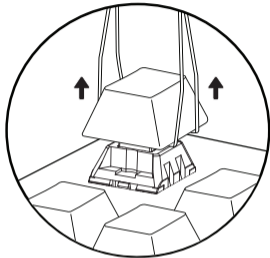Use the supplied keycap puller and press down on to the keycap to secure the puller on it. Pull the keycap puller directly upwards to remove the keycap. If the switch is removed as well, simply pull the keycap off the switch and just reattach the switch on to the keyboard.
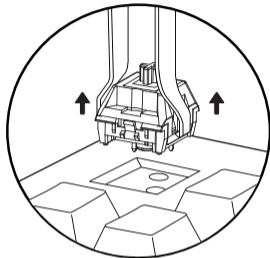
STEP 2 : Switch Removal

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.
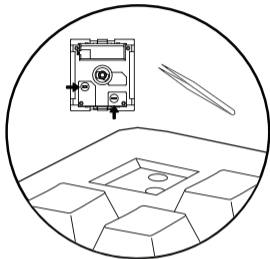
STEP 3 : Check switch pins

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.
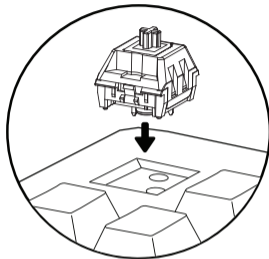

STEP 4 : Inserting a new switch.

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

TECWARE