TECWARE

spectre PRO
Backlit Mechanical Keyboard

Quick Start Guide

Specifications

- Layout : Standard 104 keys + Volume Knob
- Keycaps : Double-Injection ABS Shine-through Keycaps
- Switch : Hot-swappable Outemu Switch Sockets
- Polling Rate : 1000Hz
- Interface : USB-C
- Working Voltage : 5.0±0.25V
- Working Current : 350mA
- Cable Length : 1.8m Braided Detachable Cable
- Dimensions : L450 x W147 x H35mm
- Weight : 1170g

System Requirements

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

Package Contents

- TECWARE SPECTRE PRO
- USB-C to USB Cable
- Spare Mechanical Switches x 4
- Keycap Puller Tool x 1
- Switch Puller Tool x 1

Setting Up

- Plug your TECWARE SPECTRE PRO into the USB port of your system. (*No driver installation is required*)
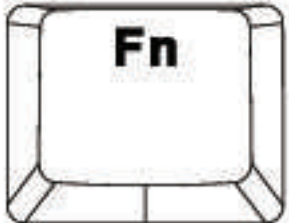- (Optional) Download and install the SPECTRE PRO Software at **www.tecware.co/software**
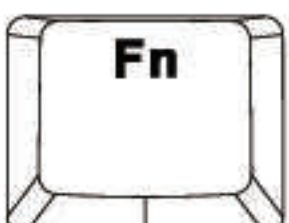
  Note: Software is required to access Per-key Color Customization, Custom Profiles, and Custom Macro functions. (*only compatible with Windows*)
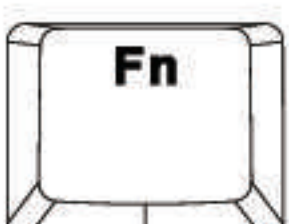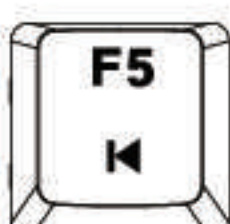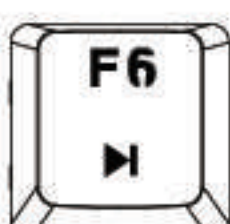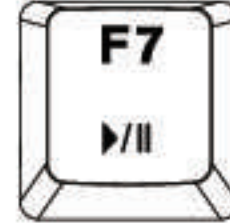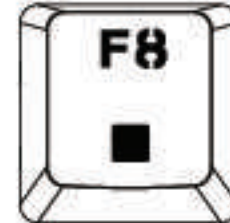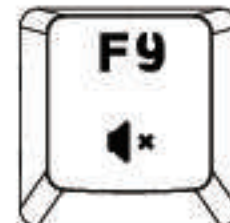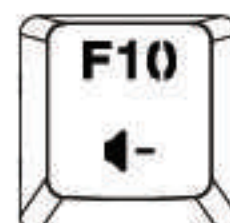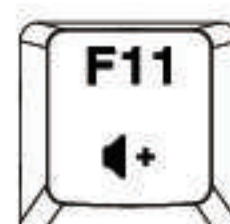
Keyboard Layout
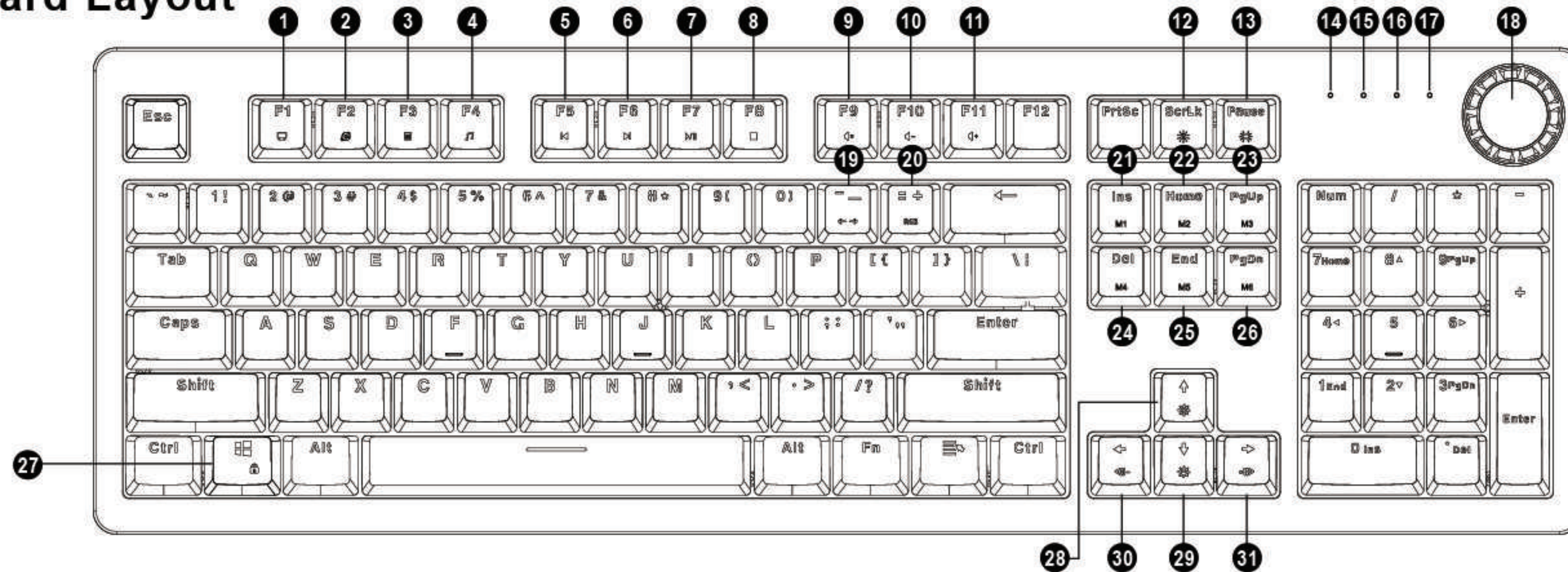
① My Computer	⑨ Volume Mute	⑰ Windows Lock Indicator	㉕ Lighting Mode 5
② Internet Explorer	⑩ Volume Decrease	⑱ Volume Wheel	㉖ Lighting Mode 6
③ Calculator	⑪ Volume Increase	⑲ LED Lighting Direction	㉗ Windows Lock
④ Media Player	⑫ Volume Knob LED Modes	⑳ RGB Color	㉘ Brightness Increase
⑤ Reverse	⑬ Sidebar LED Modes	㉑ Lighting Mode 1	㉙ Brightness Decrease
⑥ Forward	⑭ Num Lock Indicator	㉒ Lighting Mode 2	㉚ LED Lighting Speed Decrease
⑦ Play / Pause	⑮ Caps Lock Indicator	㉓ Lighting Mode 3	㉛ LED Lighting Speed Increase
⑧ Stop	⑯ Scroll Lock Indicator	㉔ Lighting Mode 4	
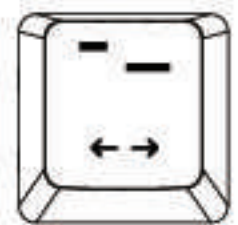
Multimedia Function Keys

Fn	+	**F1**	=	My Computer	
Fn	+	**F2**	=	Web Browser	
Fn	+	**F3**	=	Calculator	
Fn	+	**F4**	=	Media Player	
Fn	+	**F5**	=	Previous Track	
Fn	+	**F6**	=	Next Track	

Fn	+	**F7**	=	Play / Pause
Fn	+	**F8**	=	Stop
Fn	+	**F9**	=	Mute
Fn	+	**F10**	=	Volume Decrease
Fn	+	**F11**	=	Volume Increase

LED Settings

Fn	+	**Esc**	=	LED Off
Fn	+	**- —** ←→	=	LED Direction
Fn	+	← ◁-	=	LED Speed – Decrease
Fn	+	→ -▷	=	LED Speed – Increase
Fn	+	↑ ☼	=	LED Brightness – Increase
Fn	+	↓ ☼	=	LED Brightness – Decrease
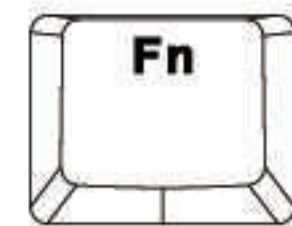
Change Volume Knob LED Modes

Fn + **ScrLk** ☼

Change Sidebar LED Modes

Fn + **Pause** ☼

LED Modes
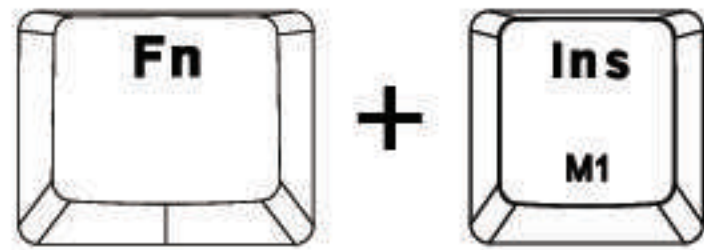
Fn + **Ins** / M1	① Fixed Color	② Breathing - Fixed Color
Fn + **Home** / M2	① Reactive - Ripple	② Reactive - Single
Fn + **PgUp** / M3	① Hurricane	② Diagonal Wave
Fn + **Del** / M4	① Horizontal Wave	② Pulse Wave
Fn + **End** / M5	① Swirl	② Waterfall
Fn + **PgDn** / M6	① Breathing - Cycle Color	② Rain Drops
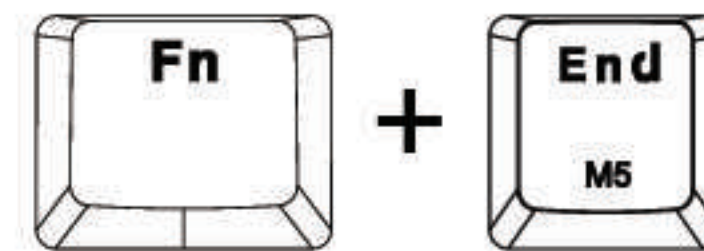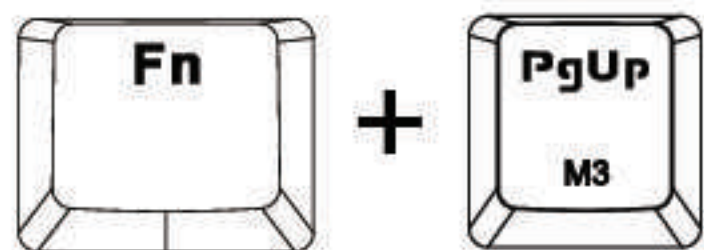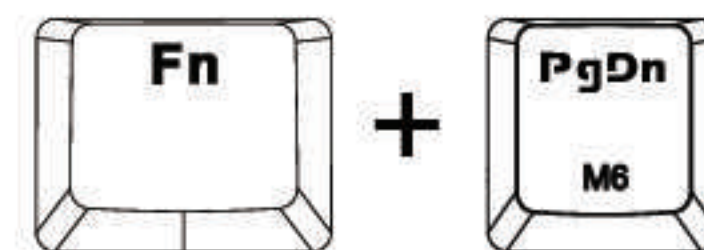
Spectrum Selection Mode
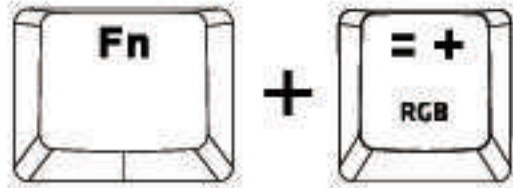
 Fn + = + RGB

This mode turns your keyboard into a color palette, allowing you to choose from 104 different LED colors.

STEP 1 : Press (**Fn** + **RGB**) to enter Spectrum Selection Mode.

STEP 2 : Press on the key that shows your desired color. (Press spacebar for Rainbow color)

Custom LED Mode (Per-key)

 Fn + ` ~
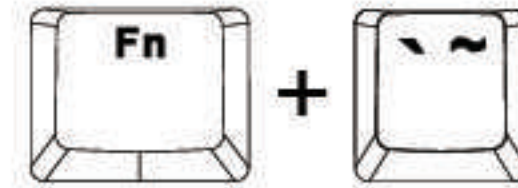
This mode allows you to customize each key to your desired color.

STEP 1 : Press once to Enable Custom LED Mode. (**Fn** + ` ~)

STEP 2 : Press again to Enter Edit Mode. (**Fn** + ` ~)

STEP 3 : Press " **= +** " to select and set an active color (Tap until it reaches your desired color).

STEP 4 : Press on any key to change its color to the active color.

STEP 5 : Press **Fn** + ` ~ to Save settings and Exit Edit mode.

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

Replacing Switches   (Only compatible with Outemu Switches)
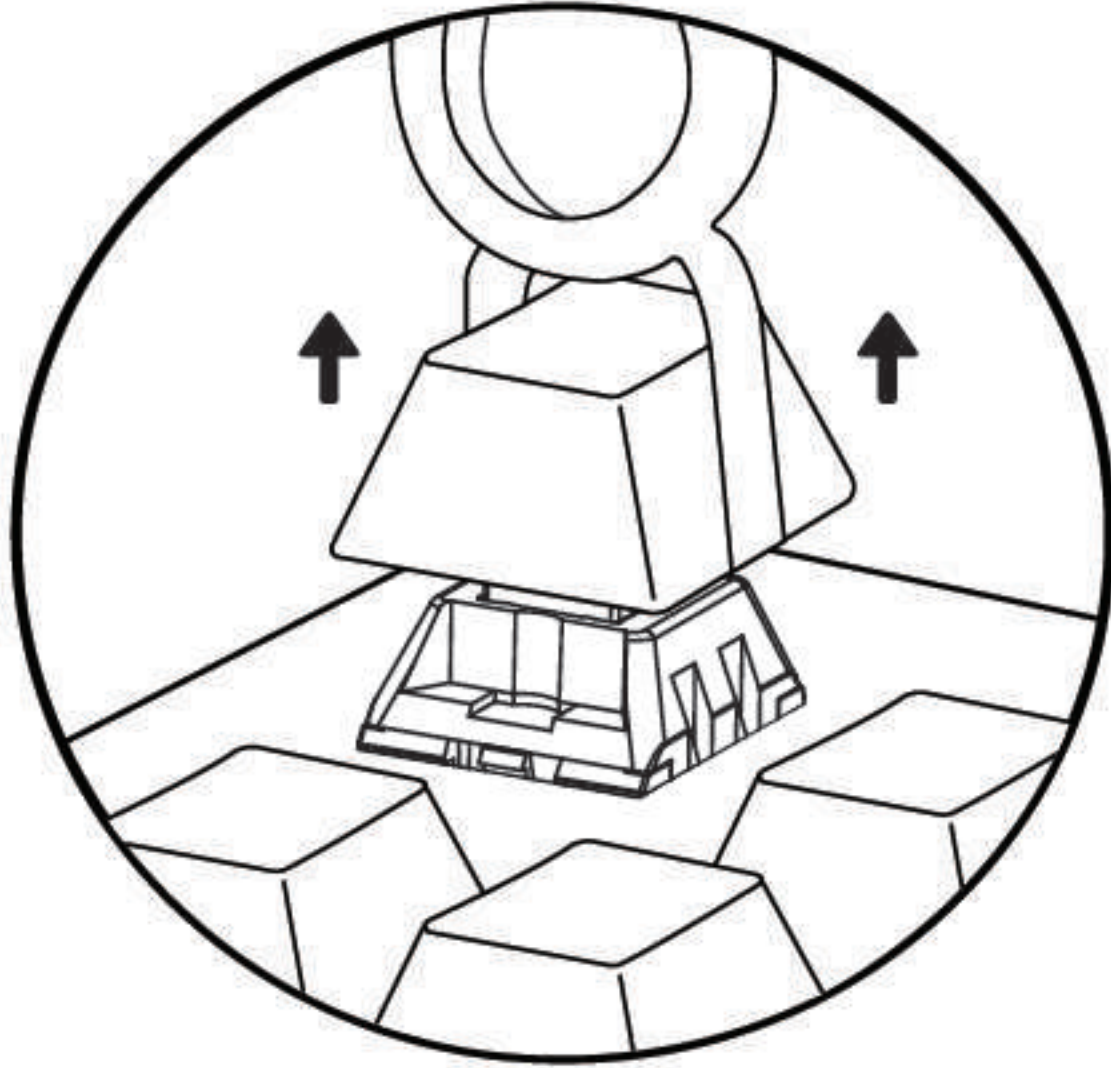
STEP 1 : Removing the Keycap

Using the supplied keycap puller tool, press down on the keycap to secure it to the tool. Pull the tool upwards to remove the keycap. A switch may be accidentally removed together with the keycap on occasion. Simply pull the keycap off the switch.
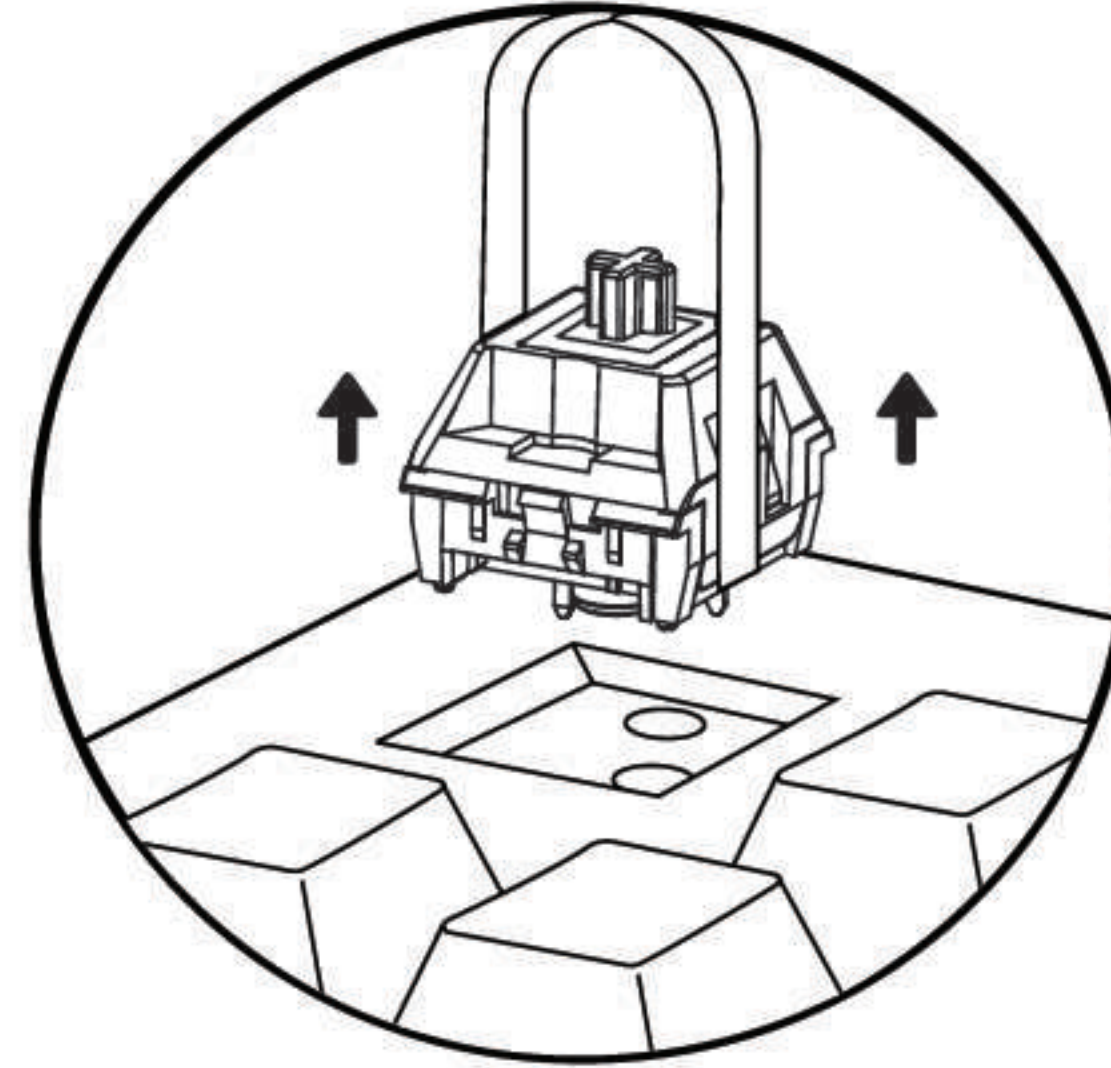
STEP 2 : Removing the Switch

Align the supplied switch puller tool to a vertical position and coincide it with the two tabs located on the top and bottom of the switch. Using the tool, push both tabs inwards simultaneously and pull the tool upwards to remove the switch.
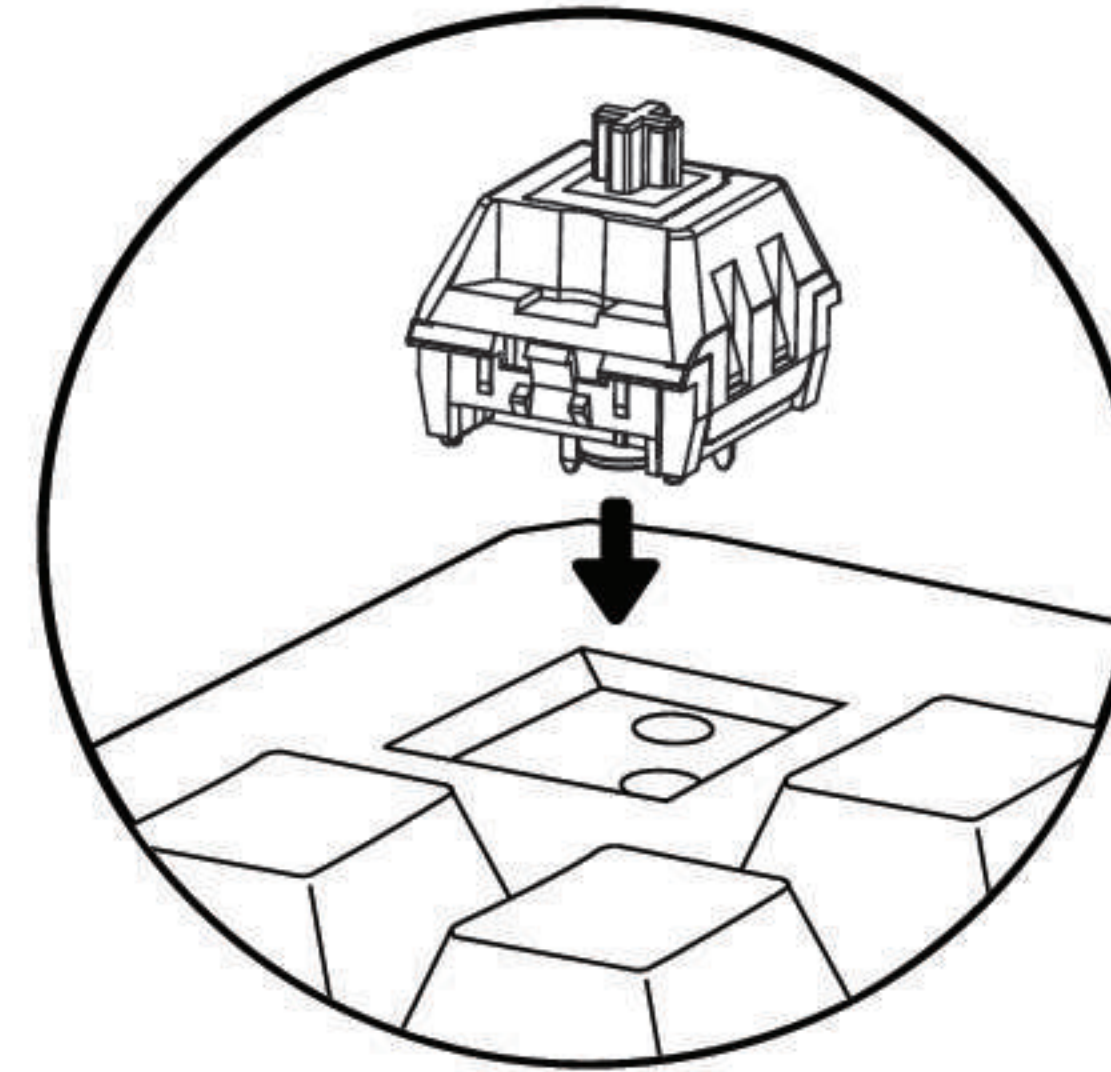
Please take extra care and caution when removing each switch so you do not bend the switch pins or scratch the keyboard.
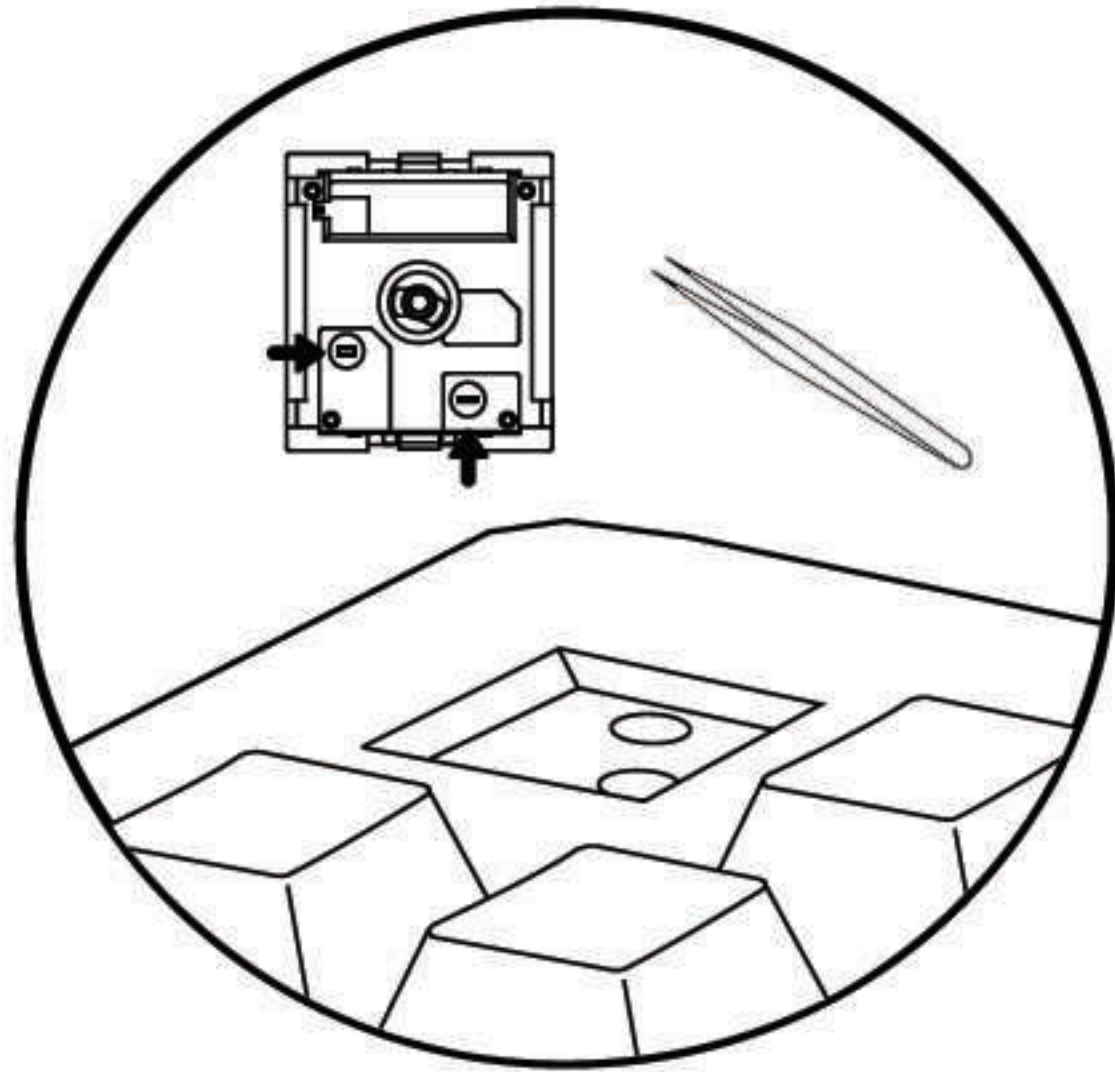
STEP 3 : Checking Switch Pins

Ensure the pins of each switch are straight before inserting them to the keyboard. Make adjustments to straighten them if necessary.

*Inserting switches with bent pins may further damage the switch.

STEP 4 : Inserting a New Switch

Align the switch pins to the holes on the switch socket. Press the switch down firmly into the socket, it should snap into place. Test each switch using a Text-editor / Notepad for response. If a switch is not responding, it may be due to bent/misaligned switch pins. Remove the switch and make necessary adjustments.

Warranty

- 1 Year Limited Warranty. Please contact your local seller for immediate support.

  *Alternatively, contact us at **support@tecware.co** for assistance.*

TECWARE

www.tecware.co