



# TECWARE SPECTRE 96 Gasket Mounted Mechanical Keyboard User Guide

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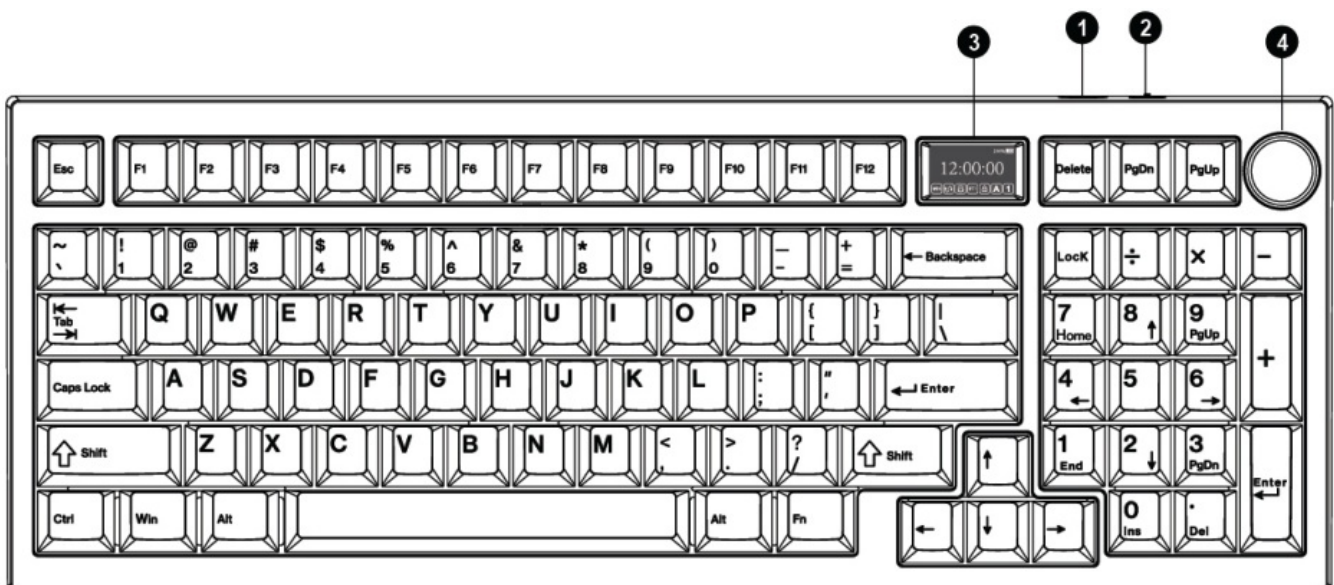
**TECWARE SPECTRE 96 Gasket Mounted Mechanical Keyboard**



## Specifications

- Layout: Standard US ANSI Keyboard Layout (96-Key 96%)
- Keycaps: Double-Shot PBT Keycaps (Non-Shinethrough)
- Material: PC Plate + Plastic Case
- Switch: Hot-swappable Switch Sockets
- Switch Type: Brown/Red Tecware Pre-lubed Switches
- Switch Lifespan: 50 million Keystrokes
- Connectivity: Wireless 2.4GHz / Bluetooth 5.0 / Wired
- Polling Rate: 1000Hz (Default)
- Working Voltage: 5.0±0.25V
- Working Current: 350mA
- Battery: 4000mAh (Up to 400 hours Continuous Usage)
- LEDs: South-facing SMD LEDs
- Cable Length: 1.8m Detachable USB-C Braided Cable
- Dimensions: L382 x W145 x H38mm
- Weight: 980g

## Keyboard Layout







1. Type-C
2. USB, 2.4G, BT
3. TFT Display
4. Knob Function



## Multimedia Function Keys

 +  = Screen Brightness Decrease



 +  = Screen Brightness Increase



 +  = Windows Task View



 +  = Open File Explorer



 +  = LED Brightness Decrease



 +  = LED Brightness Increase



 +  = Reverse

 +  = Play / Pause



 +  = Forward

 +  = Volume Mute

 +  = Volume Decrease

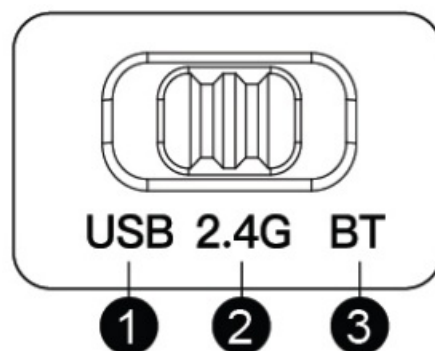
 +  = Volume Increase

 +  = Restore Factory Settings

 +  = Windows Lock

## Connectivity Modes

1. Wired Mode
2. 2.4 GHz Mode
3. BT Mode



### Pairing Instructions:

#### Wired Mode

1. Move the switch to the “Wired Mode” Position
2. Use the included USB cable to connect your keyboard to the device.

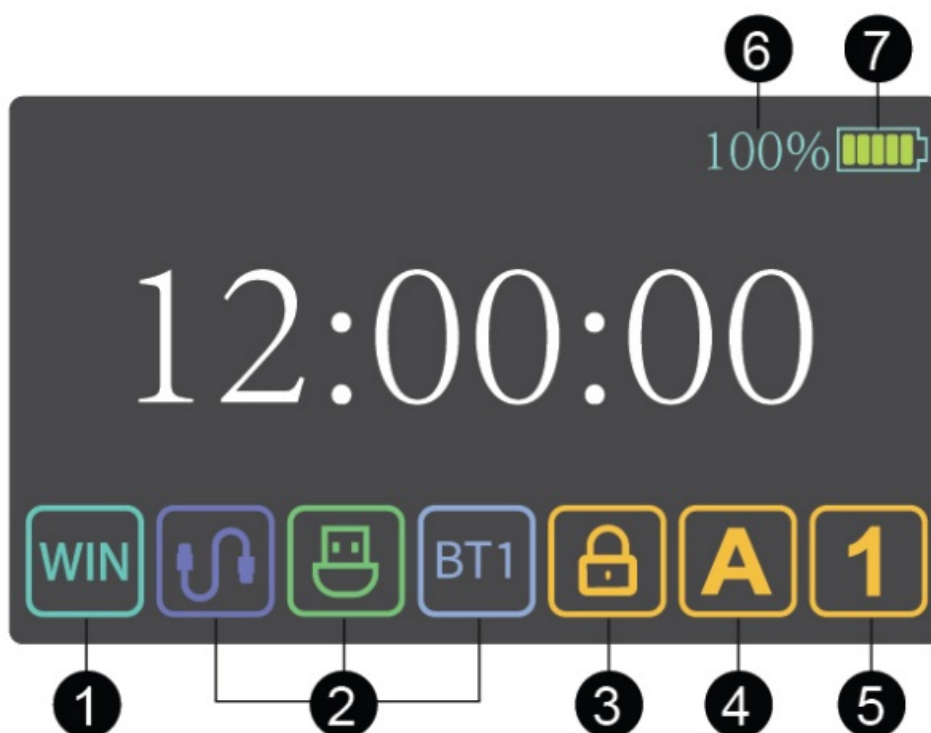
#### Wireless Mode (2.4 GHz)

1. Move the switch to the “2.4 GHz Mode” Position
2. Insert the Dongle into one of your devices’ USB port.
3. The keyboard should pair automatically.











### Wireless Mode (BT)

1. Move the switch to the “BT Mode” Position
2. Press “FN” + (1 or 2 or 3) to switch between connected BT Devices. You should see “BT 1 / 2 / 3 Linking” on the LCD screen.
3. Press and Hold “FN” + (1 or 2 or 3) to start pairing your keyboard. You should see “BT 1 / 2 / 3 Pairing” on the LCD screen.

### LCD Functions



### LCD Icons

1. System (Default Win)  
2. Connections     
3. Windows Lock 
4. Caps Lock 
5. Number Lock 

### Battery

6. Battery Level 100% 

## 7. Charging



### Knob Functions

Dual-mode Operation (LCD or Volume) :

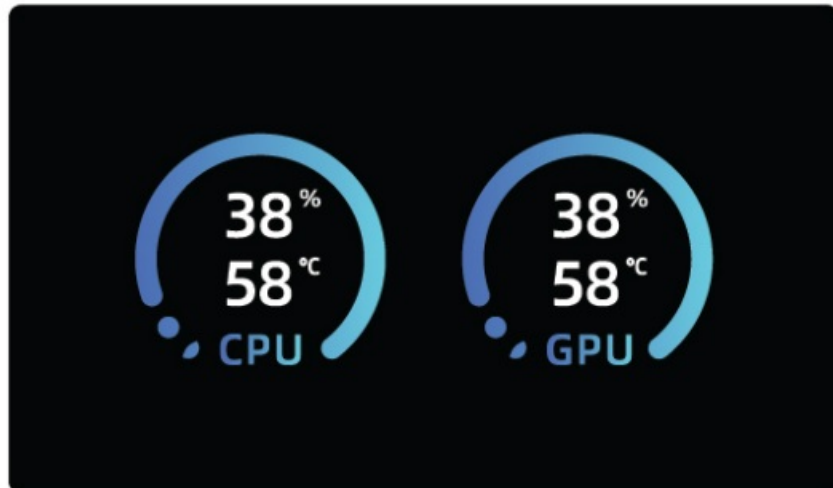
Press "FN" + Knob to swap between LCD & Volume mode.

#### LCD Mode

- Rotate Left/ Right To Navigate LCD Menu
- Press down to confirm selection

#### Volume Mode

- Rotate to control system volume
- Press down to Mute / Unmute



#### CPU/GPU Usage & Temperature Display

To activate this function, simply open the keyboard software and let it load. The display should start working in a few seconds.

The software is required to be on and running for this function to work. You may close the software window to minimize it to your system tray.

### Lighting Modes

- Effect 1 – Horizontal Wave
- Effect 2 – Whirlpool
- Effect 3 – Reactive Horizontal
- Effect 4 – Reactive Wave
- Effect 5 – Ripple
- Effect 6 – Highway
- Effect 7 – Sine Wave
- Effect 8 – Diagonal Wave

- Effect 9 – Bidirectional Wave
- Effect 10 – Static
- Effect 11 – Reactive
- Effect 12 – Fading
- Effect 13 – Sparkle
- Effect 14 – Raindrop
- Effect 15 – Glitter
- Effect 16 – Breathing
- Effect 17 – Spectrum
- Effect 18 – Burst
- Effect 19 – Vertical Wave

## Software Guide

The following pages (8 – 14) will guide you on how to use the software.

### My Exclusive Config

Create and edit your custom key profiles here.

#### 1. Selecting the Profile to edit:

Simply click on the profile you would like to edit now.

You may also Add Delete Rename Import or Export profiles by clicking on the corresponding buttons

#### 2. Selecting the Layer to edit (Left-click):

##### **Option 1:** Top Layer

- The base layer of the keyboard

##### Option 2: FN Layer

- Keys that are registered by pressing the combination of FN + Key

#### 3. Changing the Functions of individual keys:

Simple key register

- Left-click on the key you want to edit (on the keyboard image), followed by the key that you want it to register when pressed (on the functions panel).

Right-click for more options

- Default key, Disable key, or Custom Function

**(Optional):** You can set your Fn Layer to the following options (Left-click):

##### Option 1: FN Normal (Default)

- FN Layer keys are registered by pressing the combination of Fn + Key

##### **Option 2: FN Toggle**

- Press FN once to switch to FN mode, any key you press in this mode will register its respective FN functions. Press FN once again to toggle back to the Normal mode.

**Note:** You may not edit the FN Layer functions for keys 1, 2, 3 and 4 (number row). These are reserved for switching between Bluetooth devices.



## Macros

Create and edit your custom macros here.

<b>New</b>	<b>Create a new macro</b>
<b>Delete</b>	Delete selected macro
<b>Copy</b>	Duplicate selected macro
<b>Import</b>	Import a macro
<b>Export</b>	Export selected macro
<b>Rename</b>	Rename selected macro
<b>Keyboard Input</b>	Select to insert keyboard input. Type key in the textbox below and press insert to insert it into the macro.
<b>Mouse Input</b>	Select to insert mouse input. Select mouse button from the dropdown box and click insert to insert it into the macro.
<b>Repeat Count</b>	Indicate how many times the macro repeats when activated.
<b>Start Recording</b>	Press this button to start recording macro. Press again to stop recording. This tool records keyboard functions only.
<b>Action Record List</b>	Fine-tune your macro here by shifting or deleting any inputs. Select the input you want to edit and then press the corresponding buttons. (Delete, Shift Up, Shift Down)

### Creating a macro:

1. Select New.
2. Edit your macro. Insert or record your macro inputs, and fine-tune your macro in the Action Record List.
3. Select Save.

### Assigning a macro:

My Exclusive Config > Right-click on Key> Custom Function > Macro Definition > Select Macro> Press Apply



## TFTScreen

Create and edit your custom macros here.

**Recommended Size:** 240 x 135 pixels

<b>New</b>	Create a new custom GIF
<b>Import</b>	Import an existing GIF (.git file)
<b>Delete</b>	Delete selected GIF
<b>Save GIF</b>	Save selected GIF
<b>Export GIF</b>	Export selected GIF
<b>Upload to keyboard</b>	Upload and Apply selected GIF to keyboard <i><b>*Do not turn off or disconnect the keyboard during upload.</b></i>
<b>Grid</b>	Select to display grid lines
<b>Edit</b>	Select to enter Edit Mode
<b>Preview</b>	Select to enter Preview Mode
<b>Text Input</b>	Type desired text in the text box, edit the font style/size, and press the ' ' to insert text to frame.
<b>Brush / Eraser</b>	Draw or Erase parts of the frame with a brush tool.
<b>Color Settings</b>	Select the color of the Text and Brush.
<b>TimeSyms</b>	Synchronize your keyboard date/time with your PC date/time.

### Uploading a GIF:

1. Select Import, select your existing GIF file, and click Open.
  - Recommended Size: 240 x 135 pixels
2. Select 'Upload to keyboard' to save and apply the GIF to the keyboard.

### Creating a new custom GIF:

1. Select New.
2. Press the '+' on the new frame, select the images for your GIF (select multiple), and click Open.
3. Select each frame and edit to your liking.
4. Select 'Upload to keyboard' to save and apply the GIF to the keyboard.



### Per-Key RGB

Customize individual key RGB profiles here.

- Select All Select all keys
- Numeric Select all numeric keys only
- WASD Select WASD keys only

### To start customizing:



1. Create a new profile by selecting the '+' button.
2. Select the key(s) you would like to edit.
3. Choose the color for the selected key below.

## Package Contents

- TECWARE SPECTRE 96 Mechanical Keyboard x 1
- Switch & Keycap Remover Tool x 1
- Braided 1.8m USB Cable x 1
- 2.4GHz Wireless USB Dongle x 1
- Quick Start Guide x 1
- Spacebar Silencer Pad x 1
- Keyboard Dust Cover x 1
- Spare LCD Screen Protector x 1
- Spare Switches x 4

## System Requirements

- PC with USB port
- Windows 7/8/10/11, Mac

## Installation

Plug your TECWARE SPECTRE 96 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.

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

## Documents / Resources

	<a href="#">TECWARE SPECTRE 96 Gasket Mounted Mechanical Keyboard</a> [pdf] User Guide SPECTRE 96 Gasket Mounted Mechanical Keyboard, SPECTRE 96, Gasket Mounted Mechanical Keyboard, Mounted Mechanical Keyboard, Mechanical Keyboard, Keyboard
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## References

- [User Manual](#)

