



spectre **96**

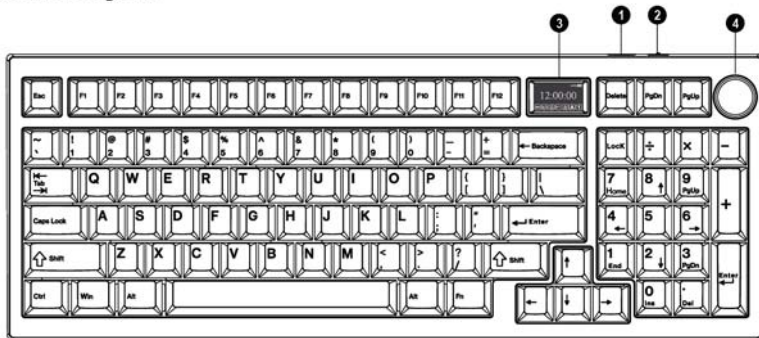
Gasket Mounted Mechanical Keyboard

Quick Start Guide

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 : $5.0 \pm 0.25V$
- 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

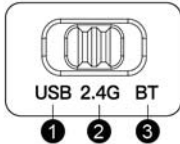
 +  = Volume Decrease

 +  = Volume Increase

 +  = Restore Factory Settings

 +  = Windows Lock

Connectivity Modes



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

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.



Pairing Instructions:

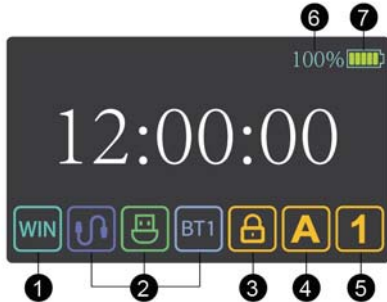
Wired Mode

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

Wireless Mode (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 
- 7. Charging 

Knob Functions

Dual-mode Operation (LCD or Volume) :

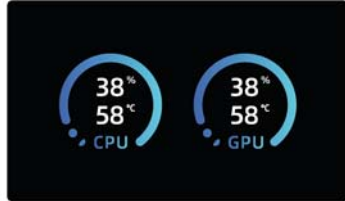
Press "FN" + Knob to swap between LCD & Volume mode.

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

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

TFT Screen

Create and edit your custom macros here.

Recommended Size: 240 x 135 pixels

New	Create a new custom GIF
Import	Import an existing GIF (.gif file)
Delete	Delete selected GIF
Save GIF	Save selected GIF
Export GIF	Export selected GIF
Upload to keyboard	Upload and Apply selected GIF to keyboard <i>*Do not turn off or disconnect the keyboard during upload.</i>
Grid	Select to display grid lines
Edit	Select to enter Edit Mode
Preview	Select to enter Preview Mode
Text Input	Type desired text in the text box, edit the font style/size, and press the '✓' to insert text to frame.
Brush / Eraser	Draw or Erase parts of the frame with a brush tool.
Color Settings	Select the color of the Text and Brush.
Time Sync	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 for instructions on how to easily replace the faulty switch on your keyboard.

Macros



Create and edit your custom macros here.

New	Create a new macro
Delete	Delete selected macro
Copy	Duplicate selected macro
Import	Import a macro
Export	Export selected macro
Rename	Rename selected macro
Keyboard Input	Select to insert keyboard input. Type key in the textbox below and press insert to insert it into the macro.
Mouse Input	Select to insert mouse input. Select mouse button from the dropdown box and click insert to insert it into the macro.
Repeat Count	Indicate how many times the macro repeats when activated.
Start Recording	Press this button to start recording macro. Press again to stop recording. This tool records keyboard functions only.
Action Record List	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)

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.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Warning Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Remark:

FCC ID for keyboard: 2BMK5-SPETRE96

FCC ID for dongle:2BMK5-SPETRE-D

T E C W A R E

www.tecware.co