

# Logitech Gaming Keyboard



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# Logitech Pro X TKL Rapid

- Logitech Pro X TKL Rapid is a pro-inspired tenkeyless gaming keyboard made by the company, Logitech.
- As a tenkeyless keyboard, it does not include the numeric keypad.
- Logitech Pro X TKL Rapid also has rapid trigger for keys.

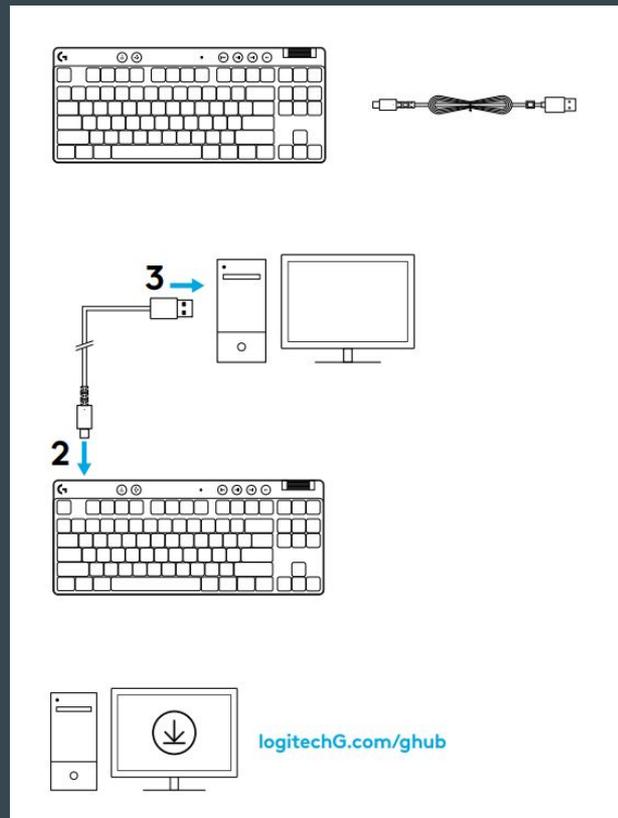


# User Documentation



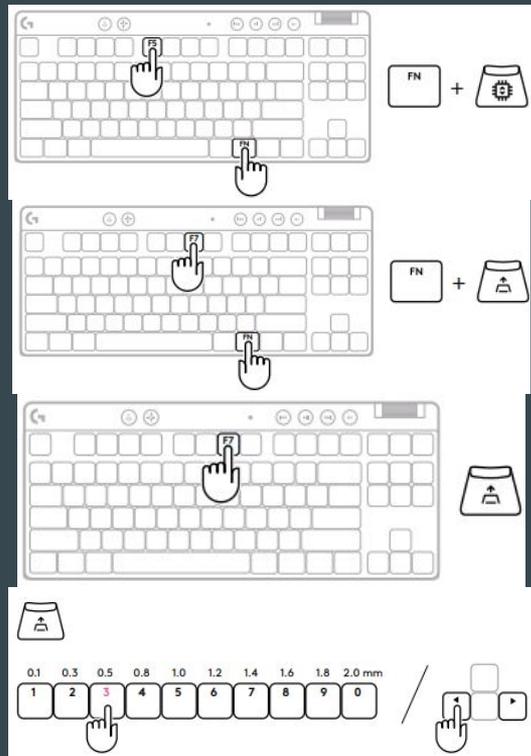
# Set-Up Guide (Installation)

1. Remove keyboard and USB cable from package.
2. Insert the USB-C cable into the port at the front of the keyboard.
3. Connect the USB cable your PC.
4. Download and install G HUB software to your PC/MAC for the best gaming experience. Go to [logitechG.com/ghub](https://logitechG.com/ghub)



# General Use - Quick Rapid Trigger Adjustment

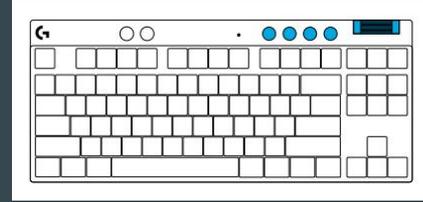
- Activate the customizable analog profile (Fn+F5).
- Enter Rapid Trigger adjustment mode (Fn+F7).
- Press F7 to enable Rapid Trigger ON/OFF.
- Use arrow or number keys to increase or decrease the sensitivity of Rapid Trigger.



# General Use - Other General Uses

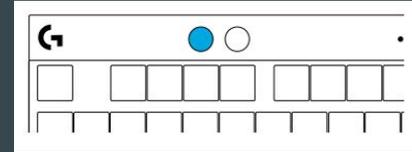
## Media Controls:

PRO X TKL RAPID includes media controls Skip back, play/pause, skip forward and mute key, with a volume roller that controls your device volume



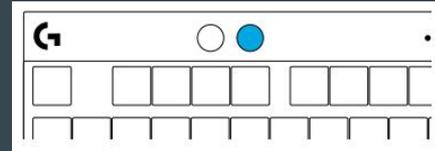
## Game Mode:

Pressing the Game Mode button blocks the Windows and Context Menu keys when pressed. Additional keys can be blocked using G HUB software Game Mode Lock (FN+Game Mode), locks the Game Mode button and prevents Game Mode from being turned on or off.

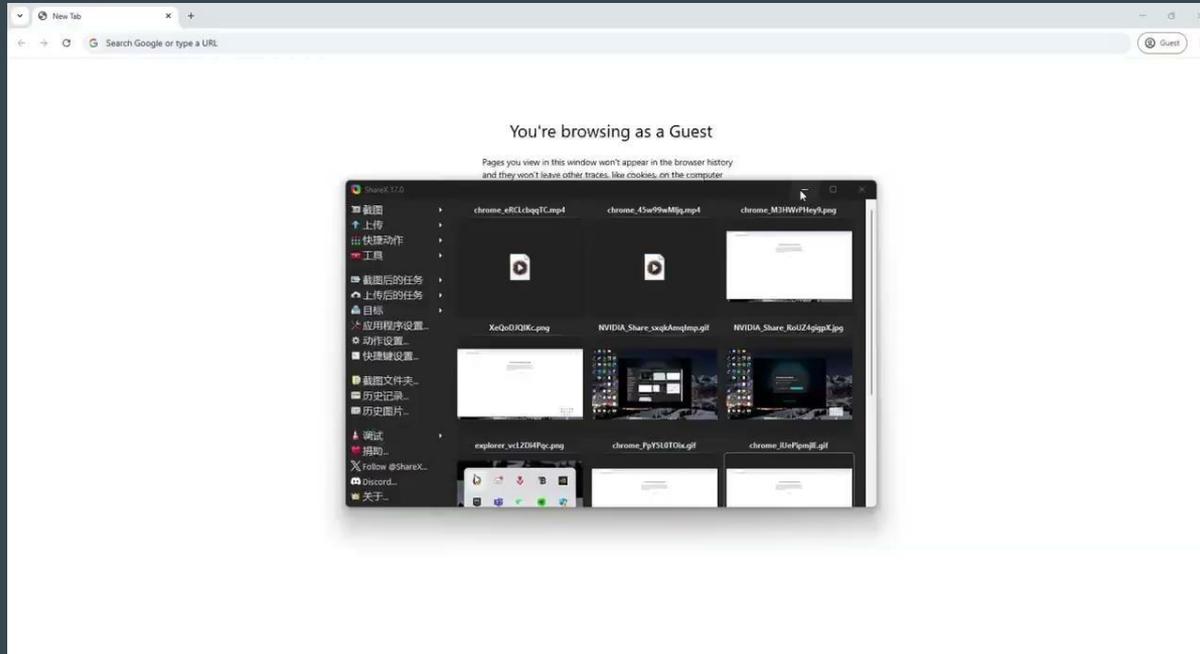


## Brightness:

Adjust lighting brightness by pressing the brightness button.



# Video : Set Up for Software Feature

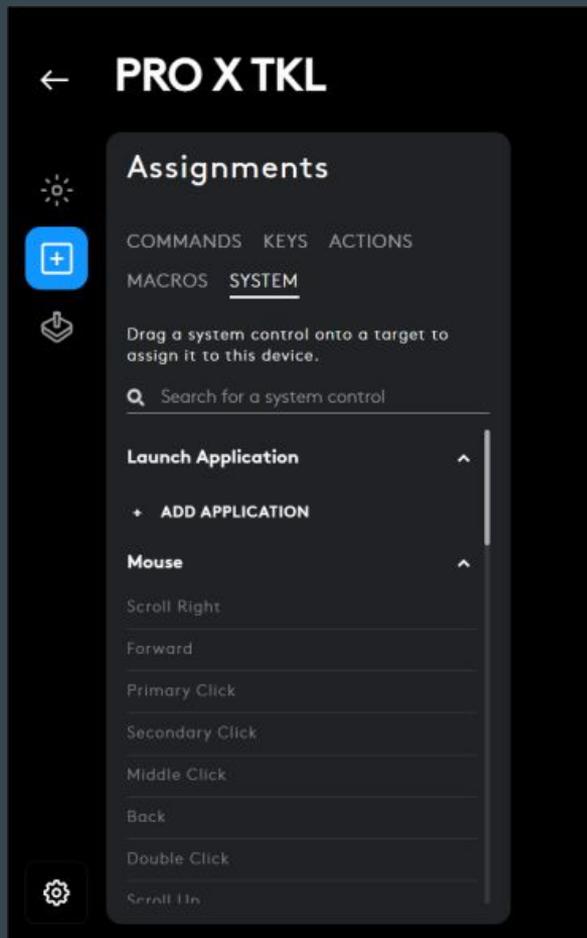


# Frequently Asked Questions

## What is G HUB?

G HUB is logitech's software platform that allows users to optimize how they use their devices. With G Hub, you can create, customize, and share your own profile and also download profiles from other user.

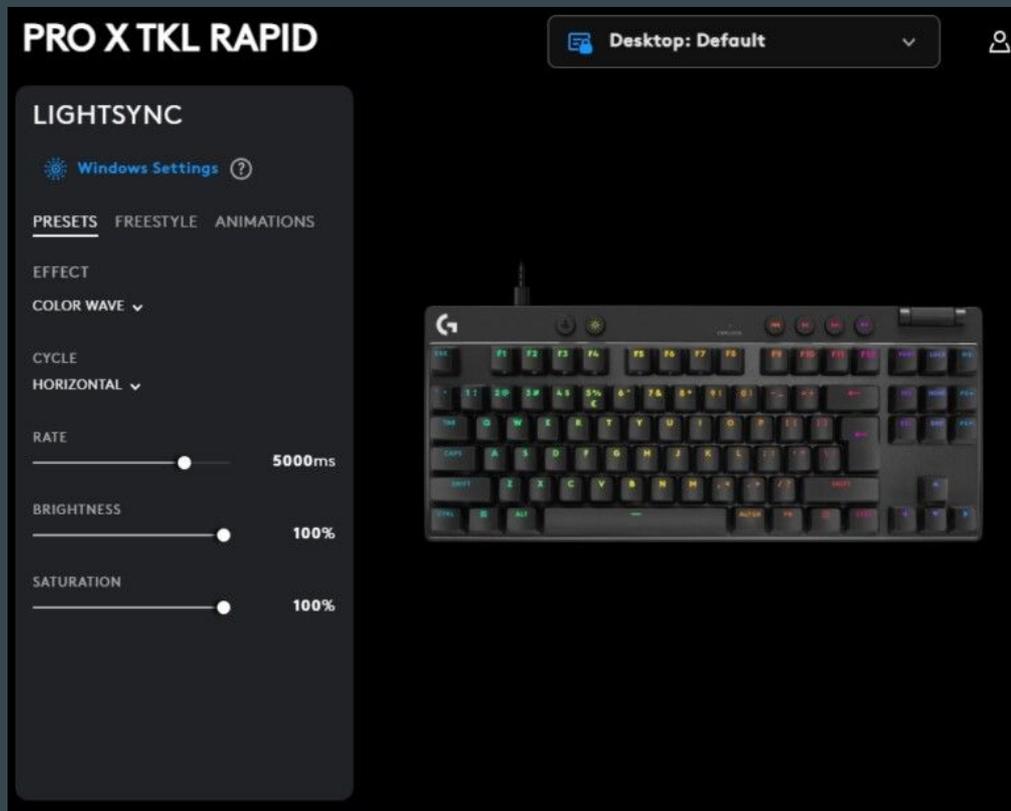
It is the center of the G ecosystem and the gateway to unlocking the maximum value and cool features for your keyboard. Through presets and the community, users can find the best settings for their games with a few clicks or even create their own to share with others.



# Frequently Asked Questions

What is my gaming keyboard's **KEY CONTROL** feature?

Key Control is the technological feature that allows for the user to change and customize all the parts of the keyboard, like the lighting, which specific keys enable different commands and functions, and the arrangement of the keys themselves.

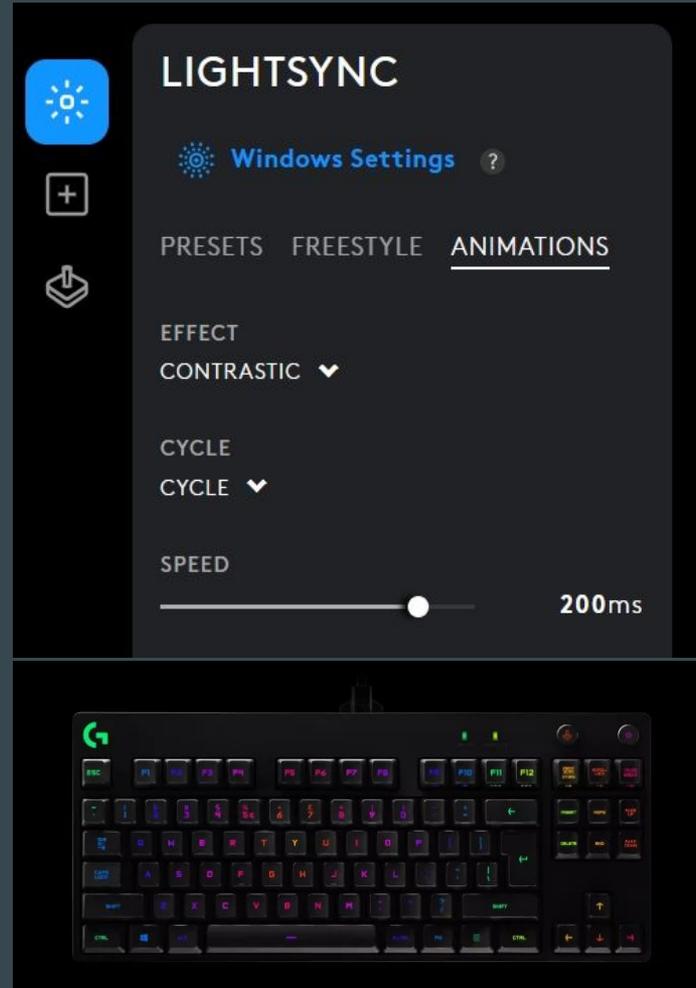


# Frequently Asked Questions

## How can I change my lighting animation?

The user can change the lighting animation easily with the G Hub software. Click on the “LIGHTSYNC” feature on your G Hub, and under the “animations” tab, choose which effect and cycle you want to see.

The user can swap these lighting animation at any time.

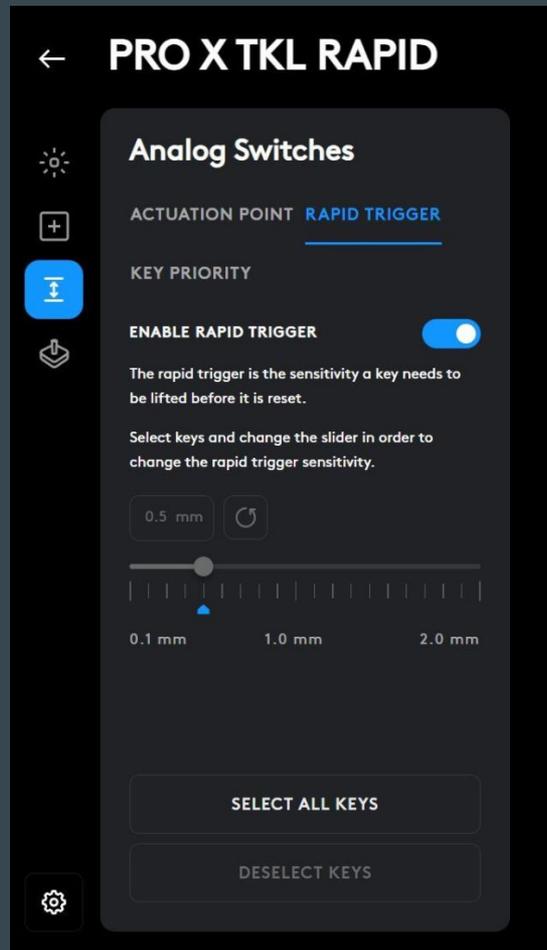


# Frequently Asked Questions

## What are Analog magnetic key switches?

Analog magnetic key switches are switches capable of having different actuation points between 0.1 mm and 4.0 mm. This means the user can, for each key, adjust the distance that it needs to be pressed to register as a keystroke.

The more sensitive you want a key to be, the lower the actuation point should be set. Logitech recommends between 1.0 - 2.0 mm for gaming, and 3.0 mm for casual use.



# Warnings

The California Prop 65 label is placed on Logitech products as a precautionary measure to enhance customer awareness. There are no notable effects or risks associated with Logitech keyboards that could endanger a customer's health or safety.

For limit damage to this product do not use in temperatures above 104 F (40 C) or below 32 F (0 C), and with a humidity of less than 95%.

There is a 2 year hardware warranty for the Logitech Pro X TKL Rapid, but it does not cover damages for normal wear and tear or accidental damage.

Be careful and take care of your keyboard!

# System Documentation



# Description of Product

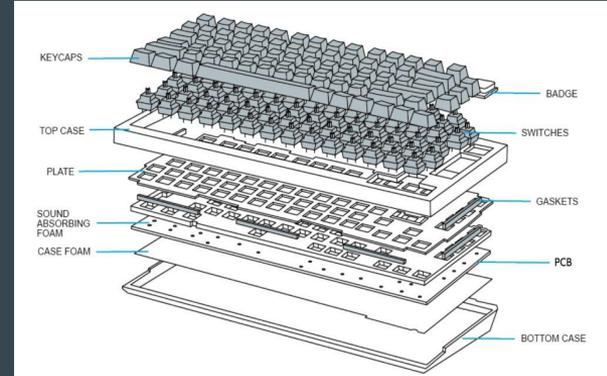
Name of Product	Logitech PRO X TKL Rapid
Dimensions	Height: 1.50 in (38 mm), Width: 14.06 in (357 mm), Depth: 5.91 in (150 mm)
Weight	2.01 lbs
Material	High-quality plastic and metal construction
Connectivity	Only wired connectivity
Key Rollover	N Key Rollover
Backlighting	Per Key RGB Lighting customizable via Logitech G Hub
Rapid Trigger	Customizable Actuation
Switch Type	Logitech Magnetic Analog Linear Switches
Polling Rate	1000Hz

# Outer Components:

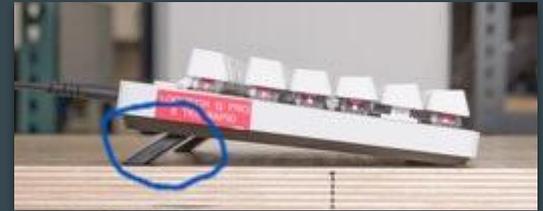
- Dual Shot PBT Keycaps
- TenKeyless Layout
- Top and Bottom Keyboard Case
- Multimedia Buttons
- Media Scroll Wheel
- Keyboard Feet
- USB A to C Cable



USB Cable



**DOUBLE SHOT PBT KEYCAPS**



Keyboard Feet



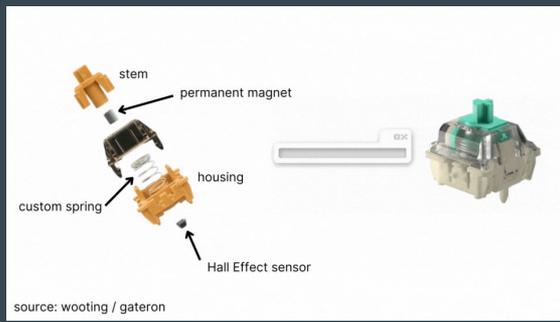
Multimedia Buttons and Scroll Wheel

# Internal Components

- Magnetic Analog Linear Switches
- RGB Switch PCB
- Metal Reinforced PCB Plate
- Plate Mounted Stabilizers
- Cherry MX Style Switch Stem



Metal Reinforced PCB Plate



Magnetic Analog Linear Switch

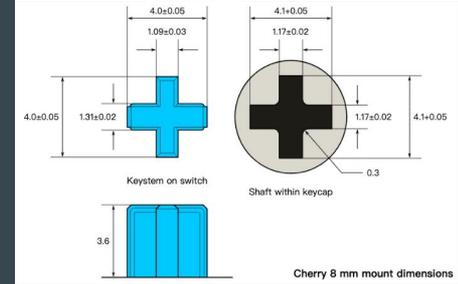


Plate Mounted Stabilizers

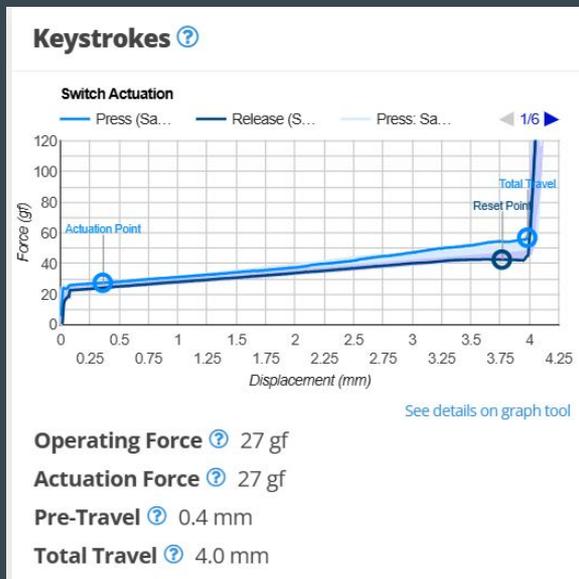


RGB Switch PCB

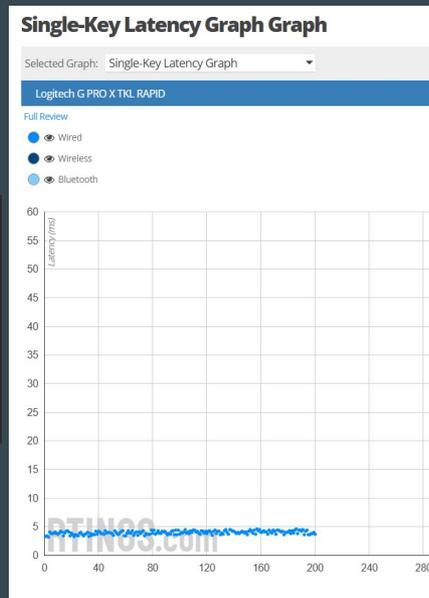


Cherry MX Style Switch Stem

# Performance



Key travel animation



The keystrokes are very light with an operating and actuation force of 27gf.

Also, it has a short Pre-Travel of 0.4mm and a total travel of 4.0mm. These specifications make it perfect for rapid inputs and provide our users with ultra-responsive inputs for precise and swift actions.

The Logitech PRO X TKL RAPID has remarkably low and consistent single-key latency performance. Averaging around 4ms for a keypress to be registered. This makes it very well-suited for playing games in any genre at a casual or competitive level.

# Understanding the Tech

RGB Lighting – Red, Green and Blue Lighting. Colorful lights built into the keyboard that can be customized.

PCB – Also, known as the Printed Circuit Board. It is the internal board that connects all the electrical components of the keyboard.

Polling Rate – How often the keyboard sends signals to the computer; a higher number means faster response times.

Actuation Force – The amount of pressure needed to press a key and make it register.

# Thank you!

And that wraps up our deep dive into the Logitech Pro X TKL Rapid! We've covered everything from setup and features to hardware and performance. So now, here's something to think about...

If you could only use one keyboard for the rest of your life, would it be this one? Why or why not?

Thank you all for your time, and we hope you enjoyed our Product Documentation presentation!

# Link of Images

Keyboard Image :

<https://www.logitechg.com/en-us/products/gaming-keyboards/pro-x-tkl-wireless-keyboard.html>

Setup-guide : [https://www.logitech.com/assets/70228/g\\_pro\\_x\\_tkl\\_rapid.pdf](https://www.logitech.com/assets/70228/g_pro_x_tkl_rapid.pdf)

Schematic :

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fkeychron.com.au%2Fblogs%2Fnews%2Fall-the-parts-of-a-mechanical-keyboard-explained&psig=AOvVawliIMbcJHUz8rqeL7OdScqY&ust=1742561251201000&source=images&cd=vfe&opi=89978449&ved=0CBQQjRxqFwoTCOihsMnYmIwDFQAAAAAdAAAAABAE>

Example Slide:

[https://docs.google.com/presentation/d/14\\_DBvn1p8fg\\_XqVn3eDk6VFLQxKDYkeUJcRXvEdmNaQ/edit#slide=id.p4](https://docs.google.com/presentation/d/14_DBvn1p8fg_XqVn3eDk6VFLQxKDYkeUJcRXvEdmNaQ/edit#slide=id.p4)

[PBT Keycap](#)