

GUIDE 101

Helping you navigate through building your own keyboard!

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[3 Steps To Build Your Custom Keyboard](#)

[Selecting your Keyboard Kit](#)

[Selecting your Mechanical Switch](#)

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MASH

Building one is a simple, three-step process:



Choose your preferred Keyboard Kit

- Functions you need
- Size of your preference
- Desk Space
- Portable



Find your typing feel

- Smooth like Butter
- Pop like Bubble wrap
- Fun like Typewriter
- Or completely Silent



Add the finishing touch with keycaps

- Colourful & Bright
- Monochromatic
- Retro
- Modern

With the chosen components at hand, follow our step by step guide to build your very own custom mechanical keyboard!



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What is the perfect keyboard kit for you?

Selecting the perfect keyboard kit for your journey into the world of mechanical keyboards can feel daunting if you're new!

Here's how you can do it:



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With various layouts available, from compact (e.g. 65%) to expansive (e.g. 96%), finding your ideal fit involves consideration of these few points:

1. What do you mainly use your keyboard for?
2. What features do you require?
3. Do you want to save space on your desk?

By focusing on these questions, you will discover the perfect keyboard that checks all the boxes for your typing needs.

Here are some layouts that we have:



65%

- Compact & efficient layout
- Minimalist & sleek design



75%

- Versatile & popular choice
- Balance between functionality & space-saving design



TKL

- Classic typing experience without the number pad
- Space-saving without compromising keyboard features



96%

- Perfect for number crunchers
- Comprehensive typing experience



What mechanical switches should I choose?

Switches are the key components of mechanical keyboards and play a pivotal role in delivering a distinct typing experience.

When choosing switches, two important factors to consider are the **type of switch** and its **resistance**.



Type of Mechanical Switches



Linear

A buttery smooth keystroke from top to bottom.



Tactile

A responsive and satisfying bump upon each keypress.



Clicky

Crisp and clear audible click on top of the tactile feel.



Silent

Muted keypresses for a quiet typing experience.



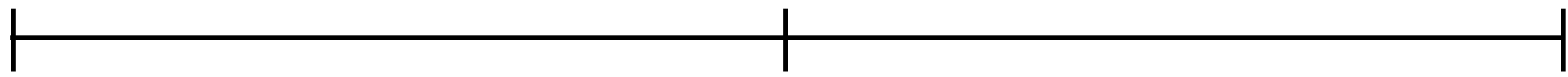
Resistance

The resistance of a switch is the amount of force required to press a key.

Switch resistance shapes the typing experience: light switches for quicker typing, heavy switches for a more substantial feedback.

LESS FORCE

MORE FORCE



LIGHT

MEDIUM

HEAVY

Ultimately, choosing the ideal switch type and typing feel comes down to your personal preference.

It's all about finding what suits you best.



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How to assemble your new keyboard?



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1. Start by unpacking the keyboard kit

Place it on a flat surface. Take note of the grids across the keyboard with diagonal sockets. These grids are designed to accommodate your mechanical switches.



2. Unpack the mechanical switches

Each switch has diagonal metal pins on the back, which are the contact points between switch and circuit board. Align pins with the diagonal sockets on the keyboard grids.



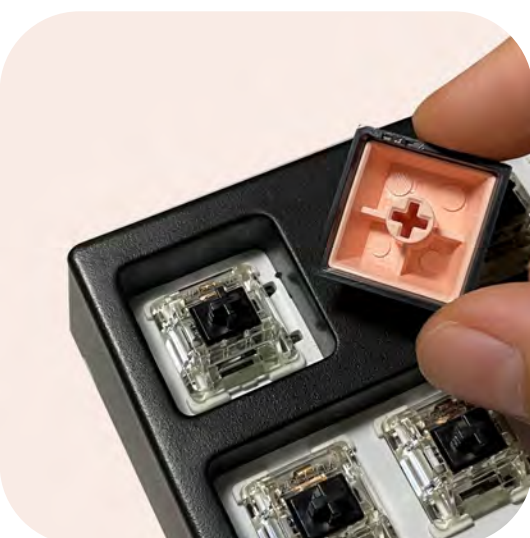
3. Put them in place and secure

Press down firmly on each switch until you hear a satisfying click, indicating that it is securely in place.



4. Unpack your keycaps

Each keycap has a cross opening on the underside. This opening is designed to fit onto the cross stem of the mechanical switches.



5. Add the finishing touch

Position a keycap centrally on a switch, aligning the cross opening with the cross stem, and firmly press it down.

