


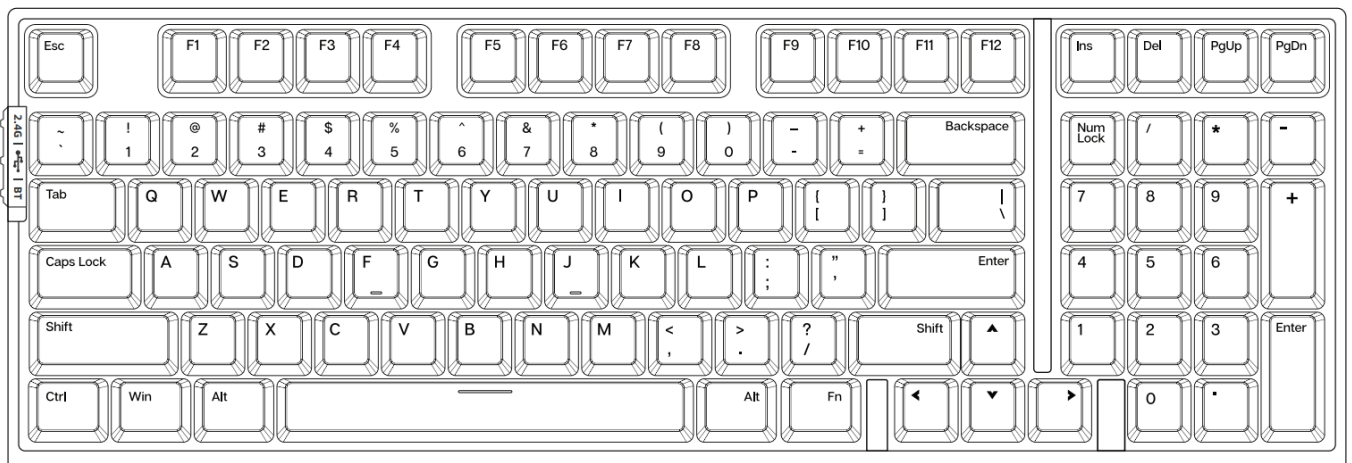


## EPOMAKER EK98-1 VIA 1800 Compact Triple Modes Hot Swappable RGB VIA Programmable Keyboard User Guide

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### EPOMAKER EK98-1 VIA 1800 Compact Triple Modes Hot Swappable RGB VIA Programmable Keyboard User Guide



### 1800 Compact Triple Modes Hot Swappable RGB VIA-programmable Keyboard

Should you require more assistance please email us at [support@epomaker.com](mailto:support@epomaker.com)

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## BASIC FUNCTION

|             |                |
|-------------|----------------|
| FN + F1     | Media Player   |
| FN + F2     | Volume –       |
| FN + F3     | Volume +       |
| FN + F4     | Mute           |
| FN + F5     | Stop           |
| FN + F6     | Previous Track |
| FN + F7     | Pause/Play     |
| FN + F8     | Next Track     |
| FN + F9     | Mail           |
| FN + F10    | Home Page      |
| FN + F11    | Calculator     |
| FN + F12    | Search         |
| FN + INSERT | PrtSc          |
| FN + DEL    | Pause          |
| FN + PGUP   | Home           |
| FN + PGDN   | End            |
| FN + WIN    | Win Lock       |

| FUNCTION KEY COMBINATIONS |  |
|---------------------------|--|
| FN + ESC (HOLD 3S)        | Reset the Keyboard                                       |
| FN + Q                    | Short Press to Switch to BT1; Long Press to Pair Devices |
| FN + W                    | Short Press to Switch to BT2; Long Press to Pair Devices |
| FN + E                    | Short Press to Switch to BT3 Long Press to Pair Devices  |
| FN + R                    | Long Press to Pair Devices                               |
| FN + SPACEBAR             | Battery Check  |
| FN + A                    | Win Mode   |
| FN + S                    | Mac Mode   |

| LIGHT EFFECTS  |                         |
|----------------|-------------------------|
| FN + BACKSPACE | Turn On/Off ALL Lights  |
| FN + \         | Toggle RGB Effects      |
| FN + [{        | Sat +                   |
| FN + ]}        | Sat –                   |
| FN + ←         | Hue –                   |
| FN + - _       | Backlights Speed –      |
| FN + = +       | Backlights Speed +      |
| FN + ↓         | Backlights Brightness – |
| FN + ↑         | Backlights Brightness + |
| FN + →         | Hue +                   |

## PAIRING BLUETOOTH

Toggle the side switch to make sure that the keyboard is under the Bluetooth mode:

1. Hold Fn+Q/W/E for 3-5 seconds till the indicators flashes fast in red/green/blue, the keyboard is ready to pair.
2. Turn on your Bluetooth device and find 'Penmaker EK98-1/2/3', then connect.

When the keyboard is connected to the Bluetooth device, the indicator light stops flashing, the connection is done.

3. Press Fn+Q/W/E to toggle between the Bluetooth devices 1/2/3.

## PAIRING WIRELESS 2.4GHZ

1. Toggle the side switch to 2.4G mode (the indicator flashes cyan when entering to the 2.4G mode), the keyboard is ready to pair.
2. Insert the 2.4G dongle to your device, the indicator stops flashing and the connection is done.

3. Reconnect 2.4G mode: Hold Fn+Q for for 3-5 seconds till the light flash fast in cyan, the keyboard is ready to pair.

## WIRED MODE

Toggle the side switch to the wired mode, and the keyboard enters to the wired mode successfully.

## BATTERY CHECK

Hold Fn+Spacebar, the keys from 1! to 0) lights up to show the battery percentage; for example, if the keys from 1! to 6^ light up when holding Fn+ Spacebar, it means that the battery life is currently 60%; if keys of 1!-0) light up, battery life is 100%.

## INDICATOR

Low Battery Fn key blinks red

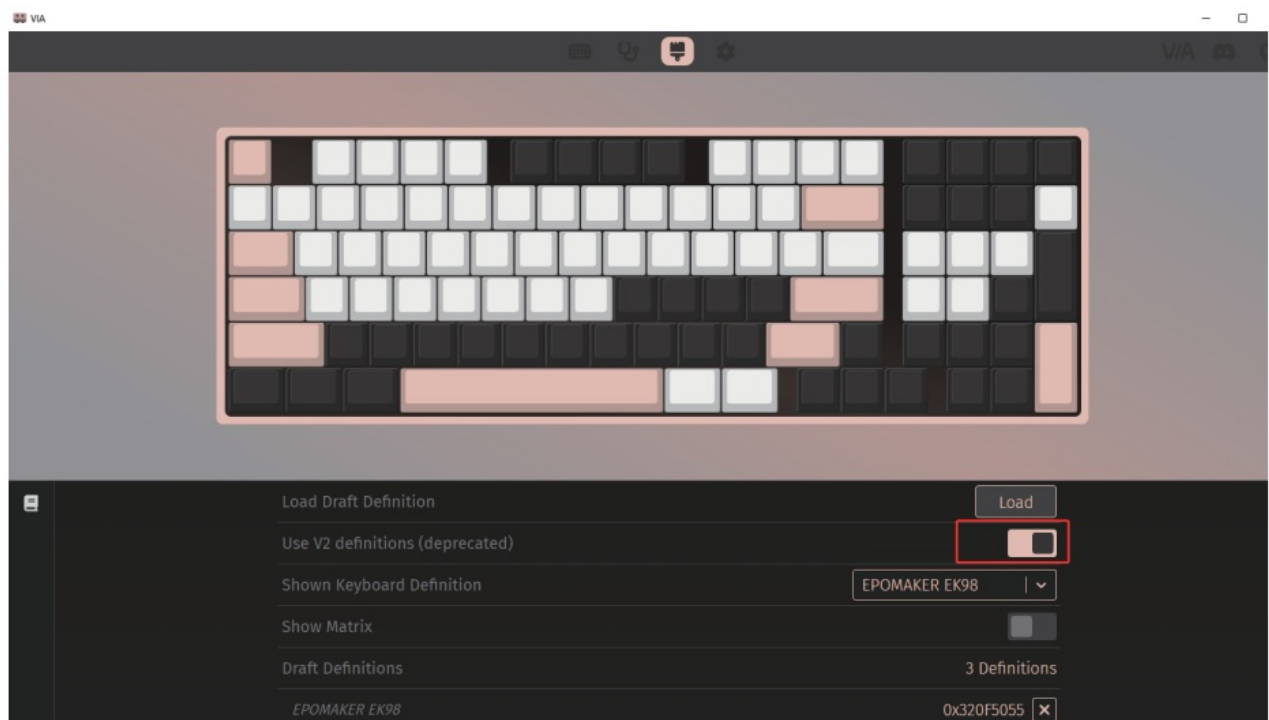
Charing Fn key stays red

Charged Fn key lights up with backlight

Win Lock Win key lights up

## HOW TO USE VIA:

1. Please visit "<https://github.com/WestBerryVIA/via-releases/releases>" to download the latest VIA application for your computer's. Turn on the button of "Use V2 definitions (depreacted)"



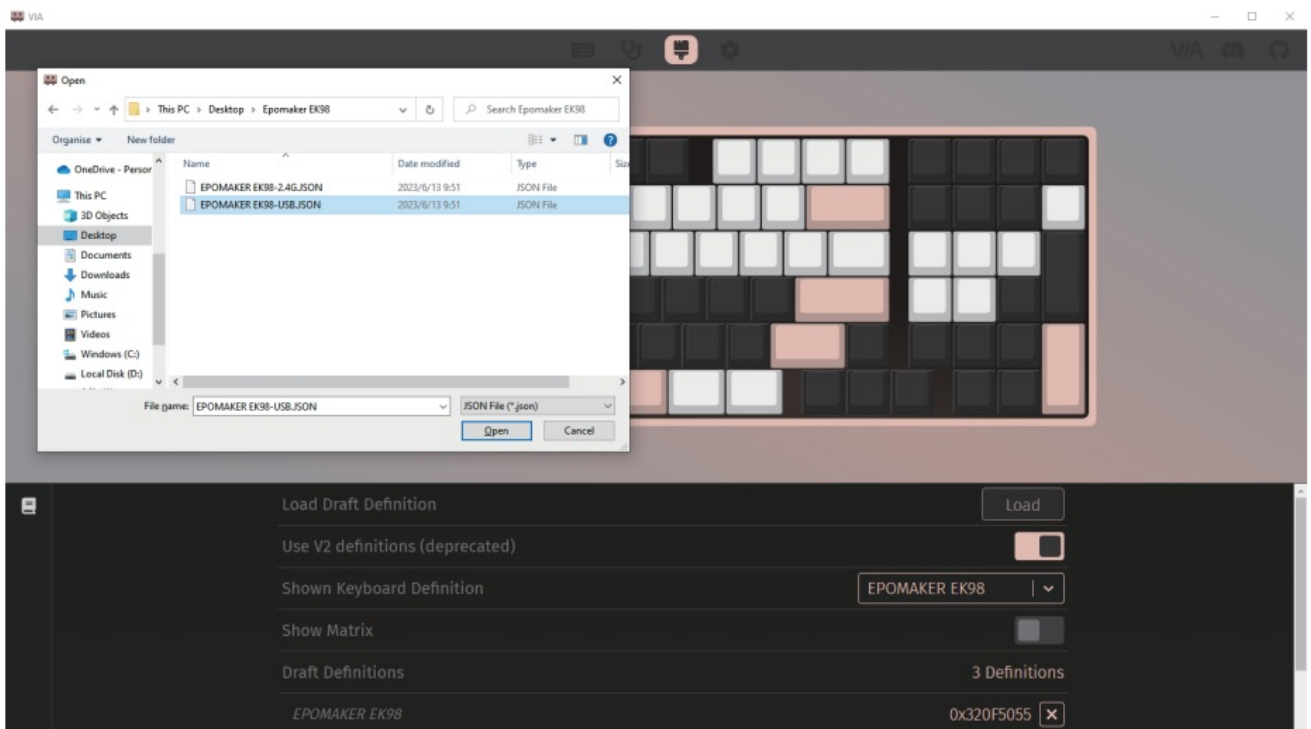
## 2. Import the JSON File to VIA

If the keyboard is under the wired mode: download Epomaker EK98 wired json file via

<https://epomaker.com/blogs/qmk-via/epomaker-ek98-usb-via-json> and load the file;

If the keyboard is under 2.4G mode, download Epomaker EK98 2.4G json file via

<https://epomaker.com/blogs/qmk-via/epomaker-ek98-24g-via-json> and load the file.



3. When the loading is completed, the “Configure” Tab displays the layout and programmable functions.



## SPECS

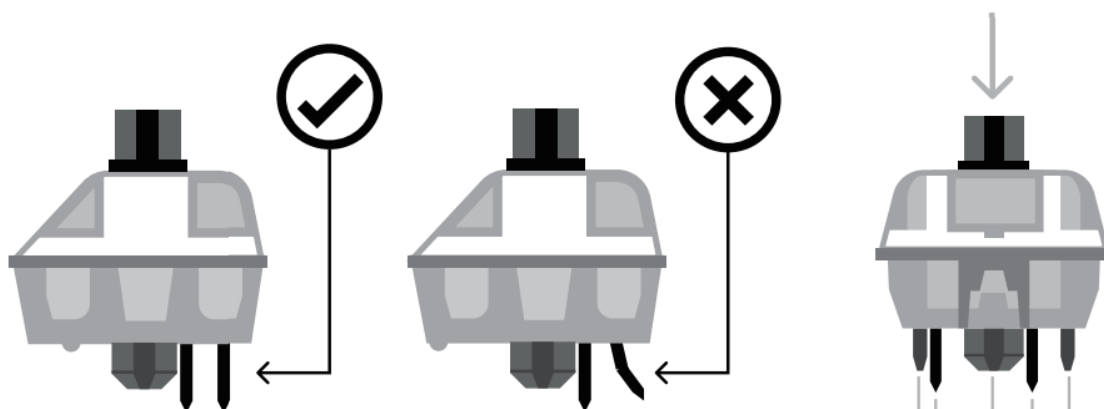
|                   |  |
|-------------------|--|
| MODEL:            | EPOMAKER EK98 VIA  |
| KEYS AMOUNT:      | 98 Keys  |
| CASE MATERIAL:    | ABS Plastic  |
| PLATE MATERIAL:   | PC   |
| STABILIZER TYPE:  | Plate-mounted  |
| PCB TYPE:         | 3/5-pin Hostway PCB  |
| CONNECTIVITY:     | Type-C Wired   |
| ANTI-GHOSTKEY:    | NKRO   |
| POLLING RATE:     | 1000hz under Wired and 2.4G Mode; 125hz under Bluetooth Mode |
| BATTERY CAPACITY: | 4000mAh  |
| PROGRAM:          | VIA  |
| COMPATIBILITY:    | WINDOWS/MAC  |
| DIMENSION:        | 379x144x30mm   |
| WEIGHT:           | Around0.8kg  |



## REPLACING KEYCAPS AND SWITCHES

For a full guide on how to remove keycaps and switches scan the QR Code or type in your browser:

<https://epomaker.com/blogs/guides/diy-guide-how-to-remove-and-replace-your-mechanical-keyboardswitches>

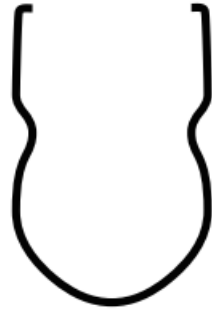


Before installing switches, be sure the pins are clean and straight.

### Push Straight Down

Please be gentle. Be sure the pins are aligned with the slots.

## Included Tools



Switch Puller



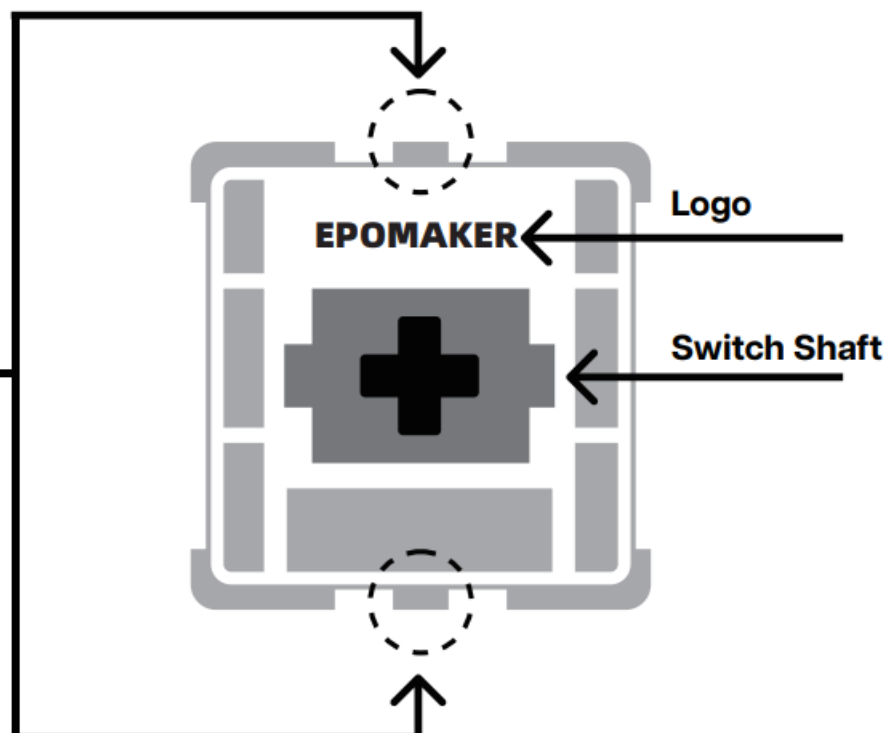
Keycap Puller

## Remove Switches

1. Grab your Switch Removal Tool and align the gripping teeth vertically (on the Y-Axis) at the center of the switch, as shown in the example graphic above.
2. Grab the switch with the Switch Puller and apply pressure until the switch releases itself from the plate.
3. Using firm but gentle force pull the switch away from the keyboard using a vertical motion.

## Mechanical Switch

Example of a switch as seen from top after you remove the keycap to prepare for switch removal.



The Switch Puller tool aligns Vertically to the Switch to unclip the plastic securing the switch to the plate.

## Install Switches

1. Check that all the switch metallic pins are perfectly straight and clean.
2. Align the switch vertically to have the Gate Ron logo facing north. The pins should align themselves to the keyboard PBC.
3. Press the switch down until you hear a click. This means your switch clips have attached themselves to the keyboard plate.
4. Inspect the switch to ensure it's properly attached to your keyboard, and test it.



**Note:** If the key doesn't work its possible you may have bent one of the switches while installing it. Pull the switch out and repeat the process.

Pins may be damaged beyond repair and need replacement if this process is not done correctly. Never apply excessive force when replacing keycaps or switches. If you cannot remove or install keycaps or switches please contact customer service as soon as possible to avoid damage to the keyboard due to operating errors.

## TECHNICAL ASSISTANCE

For technical assistance, please email to [support@epomaker.com](mailto:support@epomaker.com) with your purchase order number and a detailed description of your issue.

We normally respond to enquiries within 24 hours. If you purchased your keyboard from a distributor or not from any additional help. official store of Epomaker, please contact them directly for any

## COMMUNITY FOR UMS

Join our community and learn together with other keyboard enthusiasts.



<https://discord.gg/2q3Z7C2>



<https://www.reddit.com/r/Epomaker/>

## WARRANTY

EPOMAKER's Warranty covers any factory defects that doesn't cover any damage that may occur from normal wear and tear. If your product is defective we will send you a replacement unit. Replacement units might require you to send the defective unit back to Epomaker. might affect the proper functionality of your purchase, It We provide a 1 year warranty for our products when bought from our website (EPOMAKER.com). Your item will not be covered by your 1 year warranty if the inspection by the original product, these include: Changing internal components, Assembling and reassembling the product, Replacing Batteries, etc.

stores. You do not have a warranty with us if you bought the item from another reseller or likewise. Please contact the store that you bought your product from to resolve issues. shows any sign of modification or changes unsupported We will ONLY cover the item if it is bought from our official



Made in China

Manufacturer: Shenzhen Chengyu Technology Co., Ltd.  
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## Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">EPOMAKER EK98-1 VIA 1800 Compact Triple Modes Hot Swappable RGB VIA Programmable Keyboard</a> [pdf] User Guide</p> <p>EK98-1 VIA 1800 Compact Triple Modes Hot Swappable RGB VIA Programmable Keyboard, EK98-1 VIA 1800, Compact Triple Modes Hot Swappable RGB VIA Programmable Keyboard, Hot Swappable RGB VIA Programmable Keyboard, RGB VIA Programmable Keyboard, Programmable Keyboard, Keyboard</p> |
|---|---|

## References

-  [Epomaker](#)
-  [Epomaker](#)
-  [Epomaker](#)
-  [EPOMAKER EK98 VIA 2.4G JSON File](#)
-  [EPOMAKER EK98 VIA USB JSON File](#)
-  [Releases · WestBerryVIA/via-releases · GitHub](#)
-  [Reddit - Dive into anything](#)

Manuals+.