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# MATHEW TECH MK80

3-Mode RGB Mechanical Keyboard

<http://www.mathewkb.com>

Version:4.0

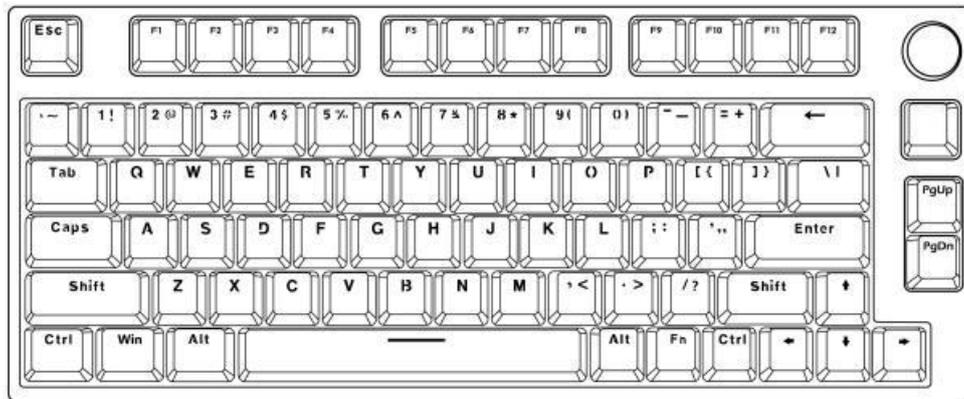
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Quick support in discord

## 1. 80keys layout+knob with music mode



## 2. FN Combination

	Combination	function	description
FN +	ESC	Reset (3S)	
	F1	Brightness reduction	
	F2	Brightness increase	
	F3	Mission control	
	F4	Email	
	F5	Calculator	
	F6	Computer	
	F7	Previous song	
	F8	Play / Pause	
	F9	Next song	
	F10	Mute	
	F11	Volume down	
	F12	Volume Up	
	←	Speed down	
	→	Speed Up	
	↑	Brightne Up	
	↓	Brightne down	
	1!	Bluetooth 1	
	2@	Bluetooth 2	
	3#	Bluetooth 3	
	4\$	2.4G	
	5%	Wired	
	I	Scroll	
	U	Prtsc	
	Win	Lock Win	
	Backspace	Switch off RGB	
	\	RGB mode switch	
Enter	Color Switch		
Alt (3seconds)	Mac/Windows		

### 3. Bluetooth/2.4G/Wired Pairing/Software:

**2.4G Pairing:**After the keyboard is turned on,Press Fn+4 to enter 2.4G mode. at this time, the R flash slowly,Long press Fn+4 for 3seconds to enter Pairing mode. the 4 flash quickly, plug the receiver now. after pairing success,The 4 will stop flashing.

After 30seconds not finding the paired device,The 4 indicator will turn off,keyboard will go back to sleep mode. so you can try again and connect.

(Since 2.4G communication is easily affected by wifi and bluetooth frequency,if connection failed for the first time,try temporarily turn off the wifi and bluetooth at home, reset the keyboard(Fn+esc for 3seconds),then continue to connect.once the connection succeed,it will basically not failed again.)

**Bluetooth pairing:**After the keyboard is turned on,Press Fn+1/2/3 to enter bluetooth mode.at this time,the 1/2/3 flash slowly,Long press Fn+1/2/3 for 3seconds to enter Pairing mode.the 1/2/3 flash quickly,open your computer bluetooth and searching,once keyboard show up,connect the keyboard.after pairing success,The 1/2/3 will stop flashing.

**Wired connection:**turn off the keyboard and plug type-c cable.

**Software connection:**turn off the keyboard and plug type-c cable.

**Video tutorial:**[//www.youtube.com/watch?v=1mCQGKuRKQc](http://www.youtube.com/watch?v=1mCQGKuRKQc)

### 4. Firmware version:

there are two versions of firmware for MK80, V500&V200.

Ctrl key is in red color during charging means your keyboard is in V500 firmware, you can only use V500 or V503 firmware.

Ctrl key is in green color during charging means your keyboard is in V200 firmware, you can only use V202/203/204/205 firmware.

Ctrl key light is Synchronized with keyboard backlight means battery is full or keyboard is in V205 or V503 version, have to contact supplier for a further confirmation.

buyer can not upgrade firmware from V200 to V500 , it may damage keyboard or cause some issues.

You can visit <http://www.mathewkb.com> and get correct firmware according to your requirements.

**Warm tips:**Do not upgrade firmware yourself,do not click firmware upgrade in the software, or the keyboard may get damaged, you can ask online service and get correct firmware version.

### 5. Battery Status:

When keyboard is in Wired mode, it is charging, and Ctrl key is in red(V500) or green(V200) light, when charge fully,Ctrl key light will Synchronize with keyboard backlight.For now,can only check battery

percentage in bluetooth mode.

## **6. Keymap Demo:** <https://youtu.be/Ot17CwX0hFY>