WILLOW
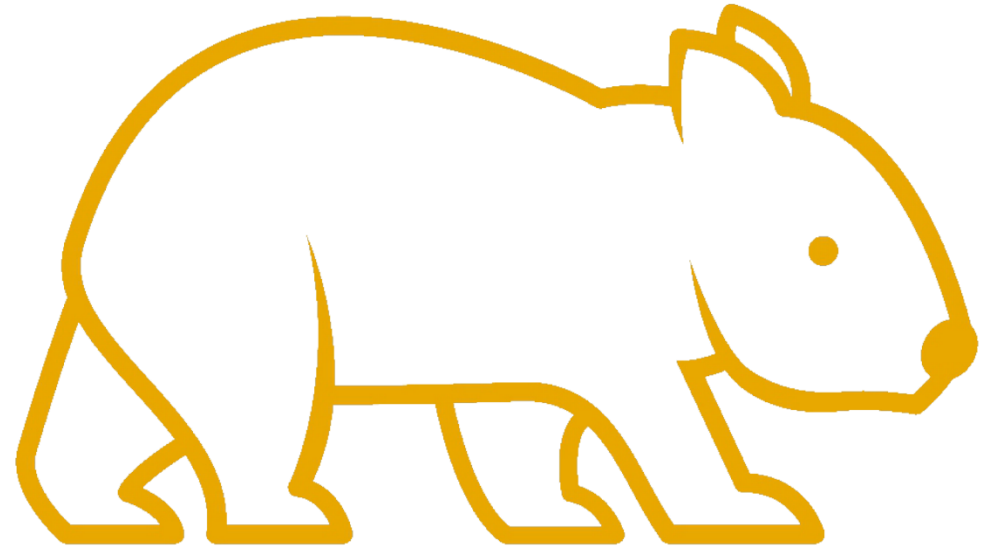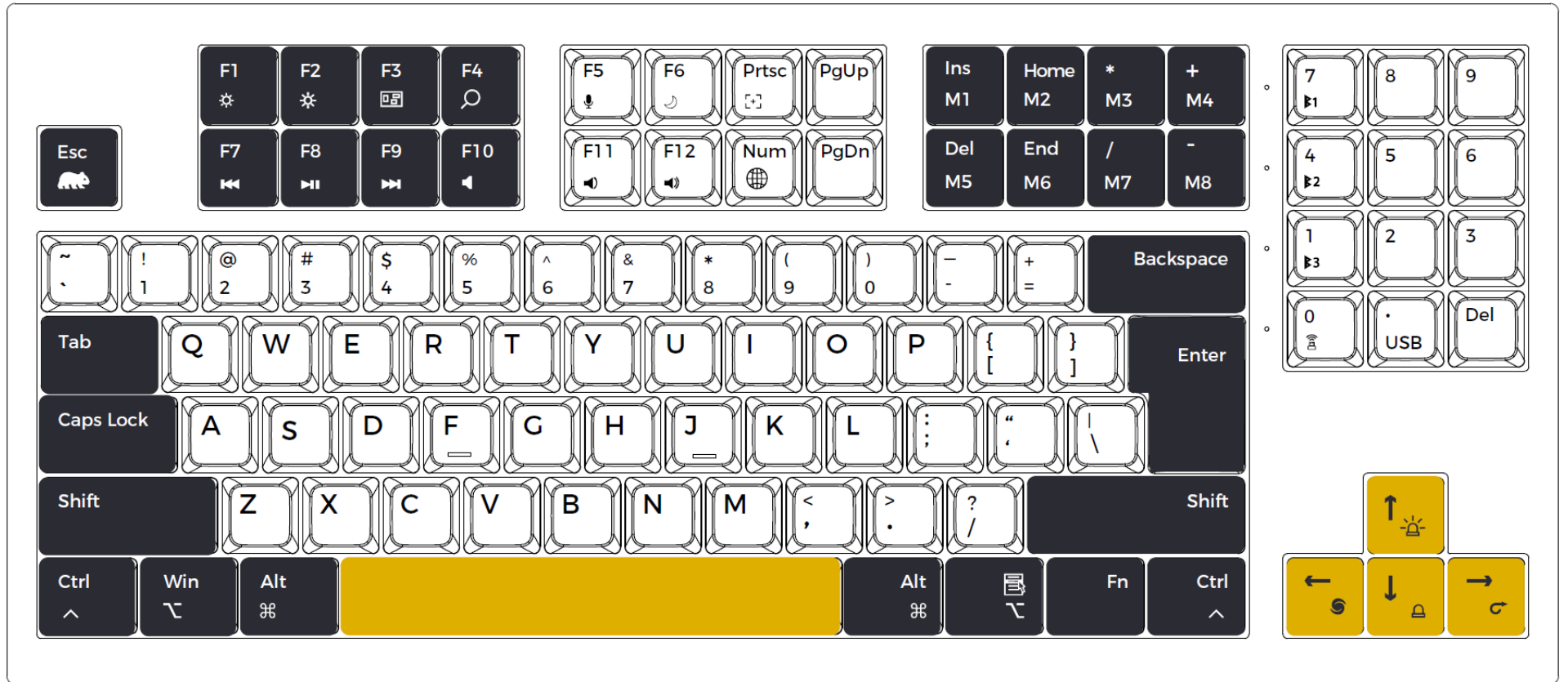## WF102i

User Manual v1.0
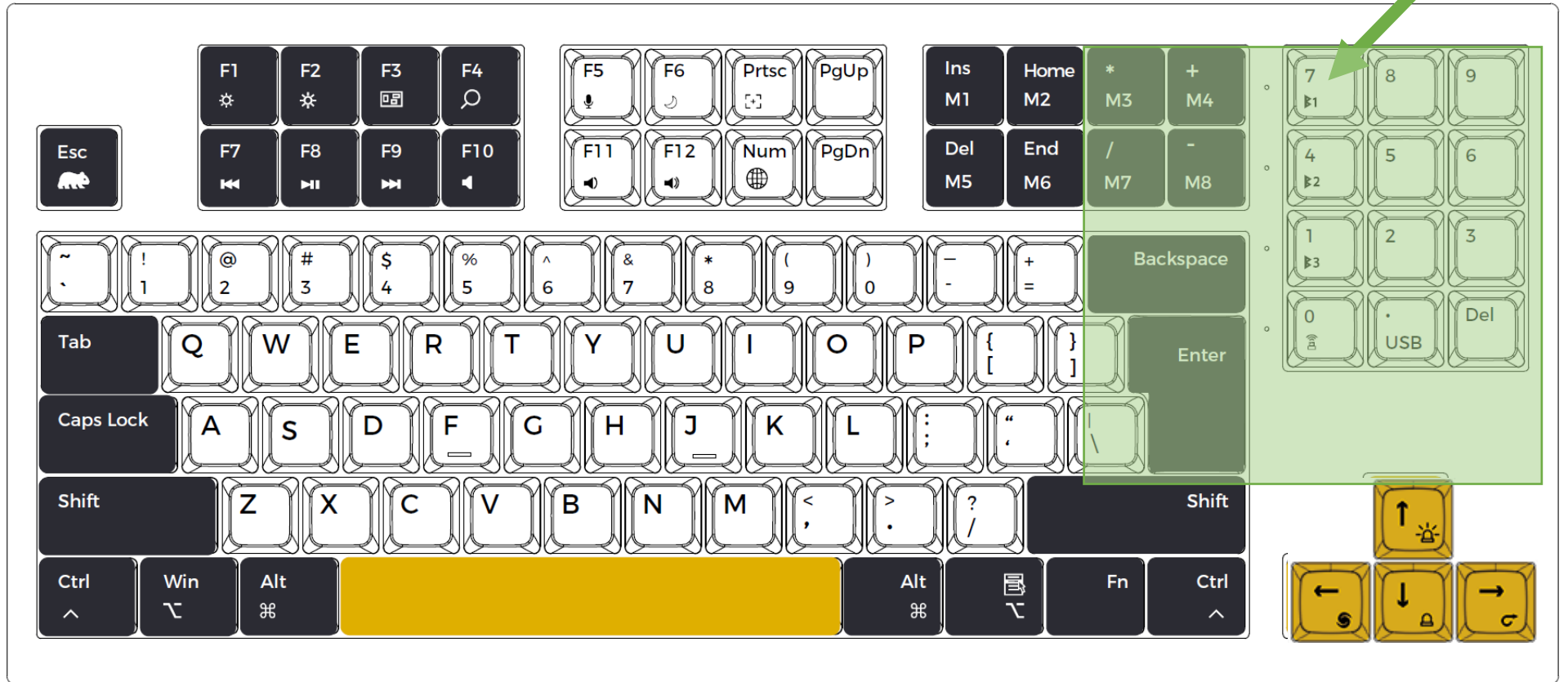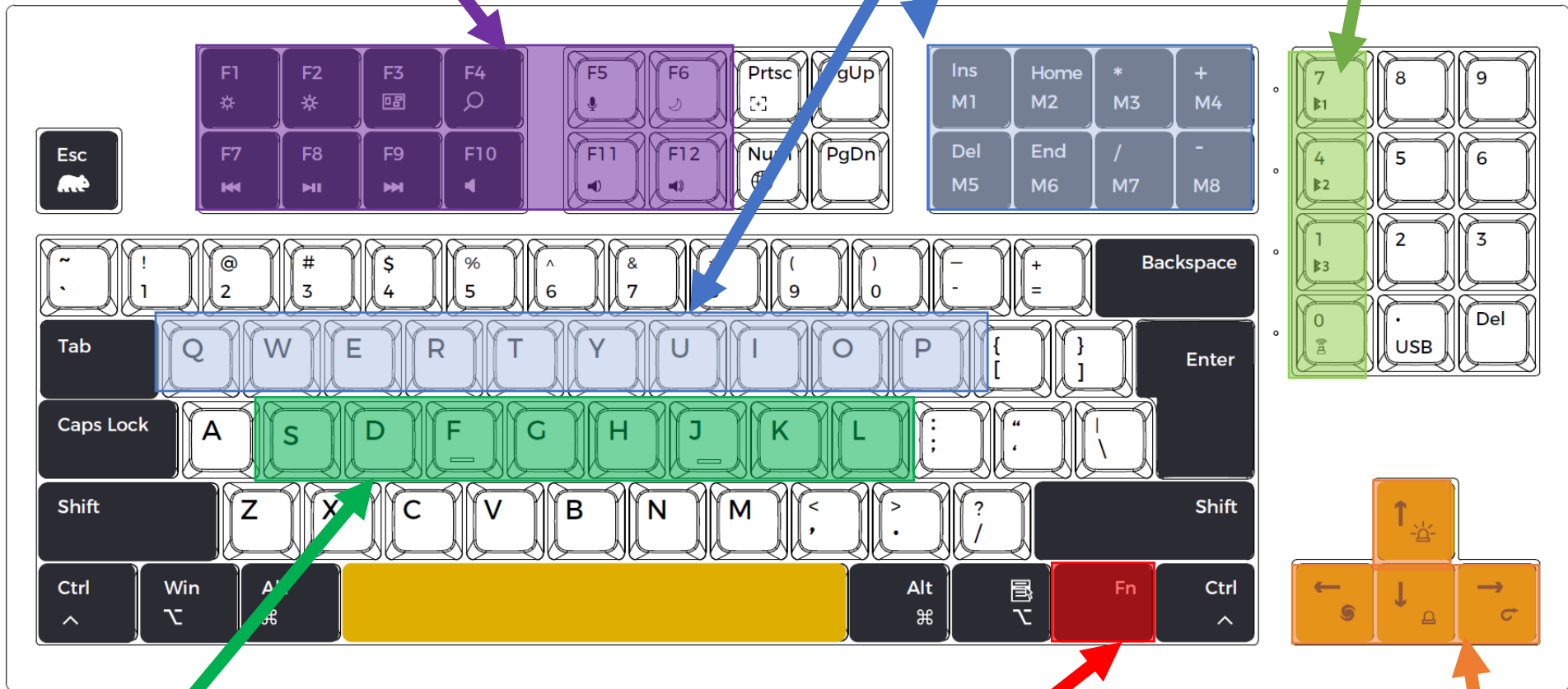
Patented 102-Key US Special Layout

Numpad
(numeric keys can be customized)

Fx function keys / MAC hot keys (see page 12)

Macro editor (see page 14)

Wireless connections (see page 9)

Backlit mode (see page 19)
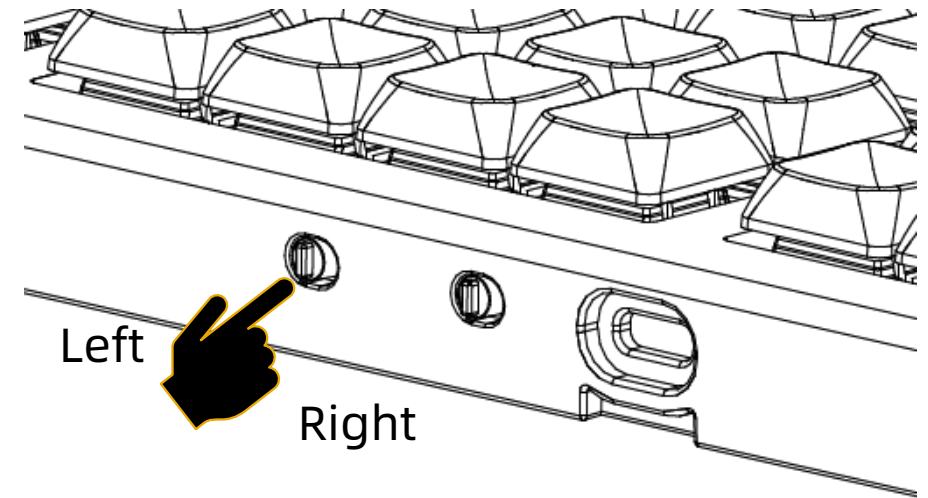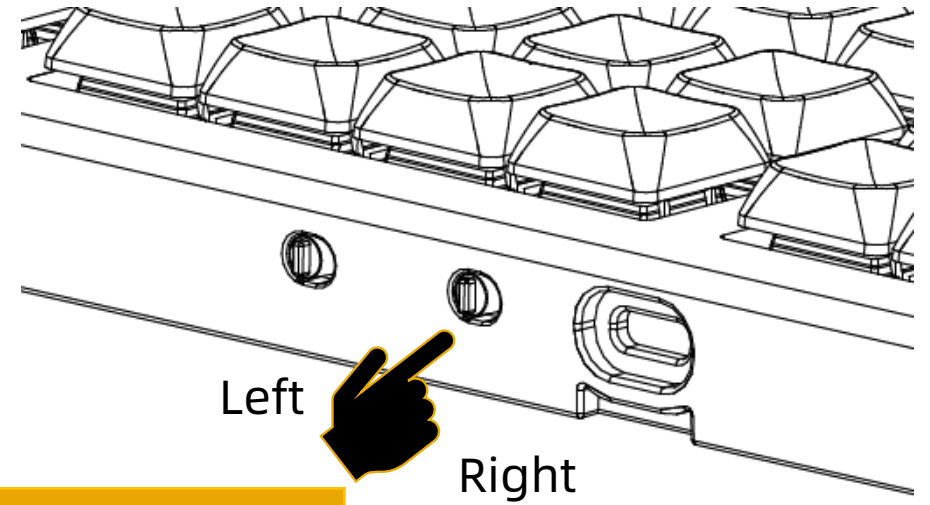
Fn key

RGB function (see page 8)

How to switch MAC / WINDOWS layout ?

Left

Right

Model	Switch	Indicator Color	Result
Wireless / Wired	Slide the rear switch to the right	No.1 LED and No.2 LED blink	Switch to macOS layout
Wireless / Wired	Slide the rear switch to the left	No.2 LED and No.3 LED blink	Switch to Windows layout

Back

Where's the power switch ?

Left

Right

Model	Switch	Indicator Color	Result
Wireless	Slide the rear switch to the right	The indicator LED is based on current wireless connection status LED on	Start keyboard
Wireless	Slide the rear switch to the left	No indicator LED	Close keyboard power supply (Can be powered by USB to operate the keyboard)

Back

How to read the indicator LED ?

Keys		LED	Definition
Fn +	▶1	No.1 LED with White LED is flashing.	WF102i Bluetooth #1
	▶2	No.2 LED with White LED is flashing.	WF102i Bluetooth #2
	▶3	No.3 LED with White LED is flashing.	WF102i Bluetooth #3
	🛜	No.1&2&3 LED with White LED is flashing.	RF 2.4GHz online
Press Numlock		No.1 LED with White LED is ON.	Numpad lock
		No.1 LED is OFF.	M7-M18 activated
Press Capslock		No.2 LED with White LED is ON.	Capslock
Turn the back switch		No.1&2, 2&3 LED with White LED is flashing. Pls refer to Page 4	MAC/WINDOWS
Charging status		No.4 LED with White LED is ON.	Detected USB cable connected to the computer. Keyboard is currently charging.
		No4LED is OFF.	Charging finished
		LED No. 1 and No. 3 blink alternately with LED No. 2.	Charging unsuccessful. The switch is not turned on.

No. 1 LED ➡ ▶1

No. 2 LED ➡ ▶2

No. 3 LED ➡ ▶3

No. 4 LED ➡ 🛜
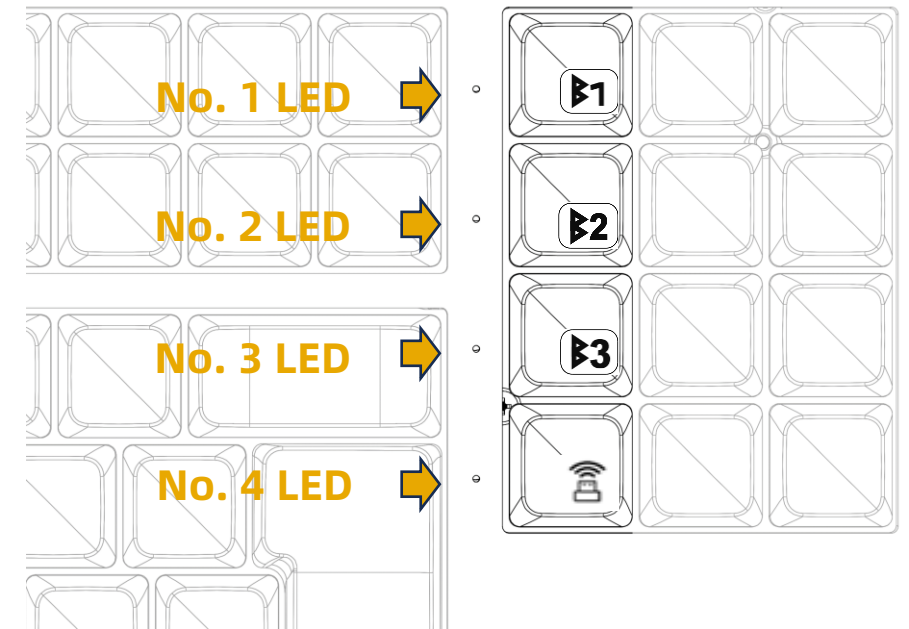
# How to check the power of the built-in rechargeable battery ?

When you need to check the battery and charging status of the keyboard, please connect the WF102i to the PC with a USB cable .While the keyboard is connected to a charger or a USB communication port on the PC with a USB cable , the No. 4 LED will express the charging status as follows:

◆ The keyboard is charging normally and is charging , and the No. 4 LED is always on.
◆ The keyboard cannot be charged and the No. 4 LED blink rapidly.
◆ When the keyboard is fully charged , the No. 4 LED will turn from steady on to off.

After connecting the USB cable, press Fn + " Number 0" on the WF102i , and then you can see the LED No. 1-3 will express the following status:

◆ Battery level 0~33% : LED No. 1 LED blink
◆ Battery level 33~66% : LED No. 1 and No. 2 blink
◆ Battery level 66~99% : LED No. 1 , 2 and 3 blink
◆ Fully charged 100% : LED No. 1 , 2 and 3 are always on
◆ Charging failed: LED No. 1 and No. 3 blink alternately with LED No. 2.

* When using the keyboard for the first time, it is recommended to charge the internal rechargeable battery for a better operating experience.
* The time required to fully charge the built-in rechargeable battery will not exceed 5 hours . It is recommended to charge the rechargeable battery at least once a month for at least 2 hours each time.
* When WF102i is connected to the PC host with a USB cable , the keyboard will automatically switch to USB mode.
* To save keyboard battery power, all LEDs will be turned off in wireless mode , and users can turn on the backlit by themselves.
* Users can press and hold Fn keys at any time to view the status of all current functions of the keyboard.

No. 1 LED
No. 2 LED
No. 3 LED
No. 4 LED
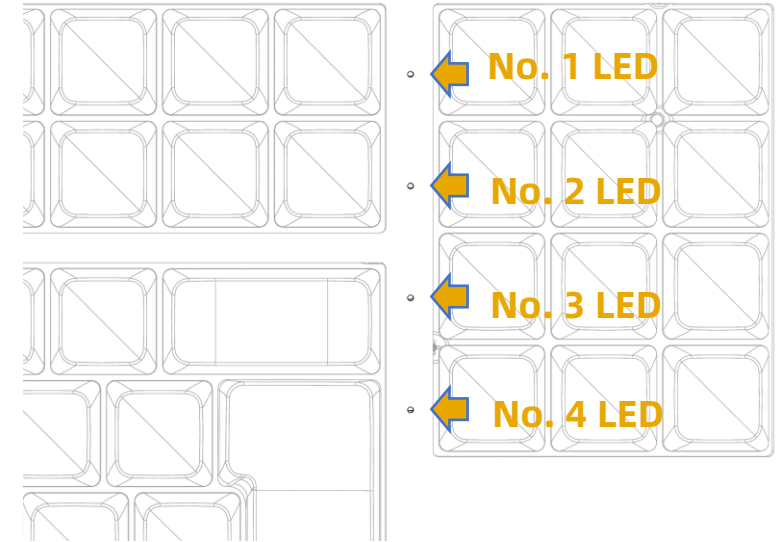
How to switch the RGB Backlit effect?
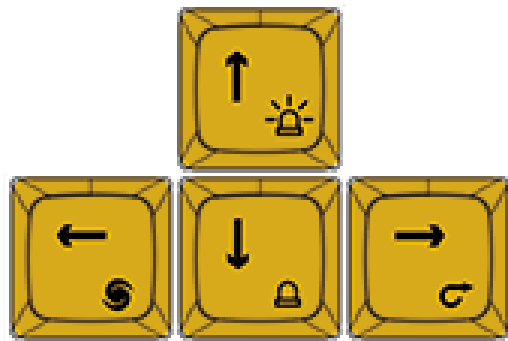
	Direct key press	Press Fn key-press combination
	Arrow keys : Right	Backlit mode switching
	Arrow keys : Left	Preset Backlit color switching
	Arrow keys : Up	Backlit brightness increased +
	Arrow keys : Down	Backlit brightness reduce -

How to pair the keyboard ?

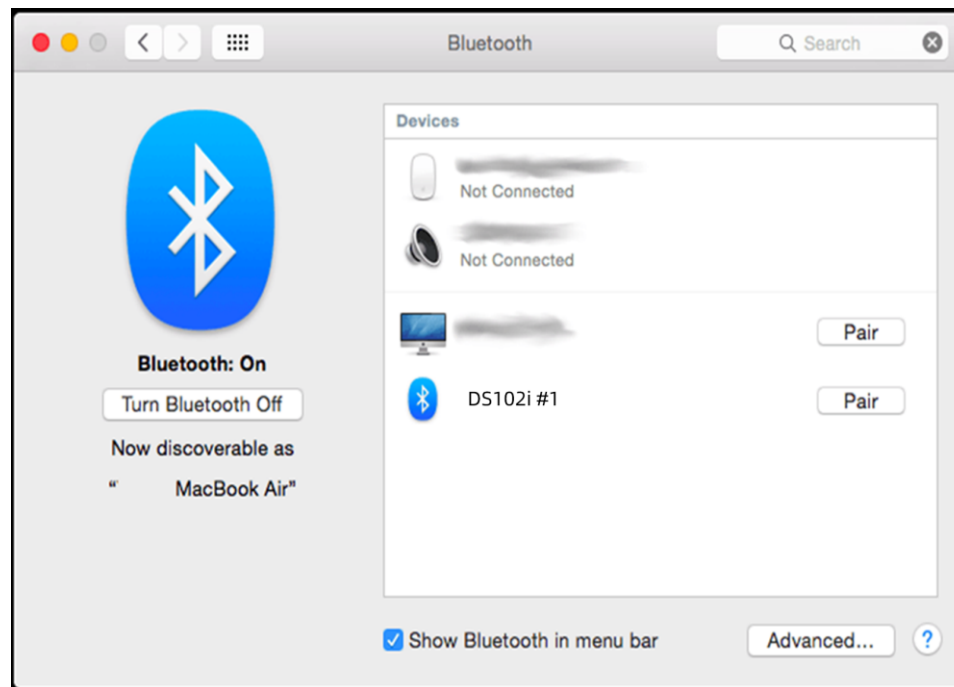| Key		Step 1: Press the buttons on the left with Fn key for 3 seconds	Indicator LED (blink⌐)	Step 2:	Indicator LED
Fn +	**7** ฿1	Keyboard is searching Bluetooth Host #1 for pairing	White LED	Bluetooth settings on your calculator> Search WF102i #1 in the list and click "Match"	Pairing successful **LED No.1** blink for one second
	4 ฿2	Keyboard is searching Bluetooth Host #2 for pairing	White LED	Bluetooth settings on your calculator> Search WF102i #2 in the list and click "Match"	Pairing successful **LED No.2** blink for one second
	1 ฿3	Keyboard is searching Bluetooth Host #3 for pairing	White LED	Bluetooth settings on your calculator> Search WF102i #3 in the list and click "Match"	Pairing successful **LED No.3** blink for one second
	0	Keyboard is searching DS102i receiver for pairing	White LED	MAC/PC, Just wait for the indicator LED to stop blinking and steadily LED on, pairing completed	Pairing successful **LED No.1,2 and 3** blink for one second
	. USB	When detecting that the USB cable is connected , the keyboard switches to USB wired mode	/	No setup, plug and play	

Wireless communication 2

How to pair the keyboard ?

MAC Bluetooth settings

WINDOWS Bluetooth settings
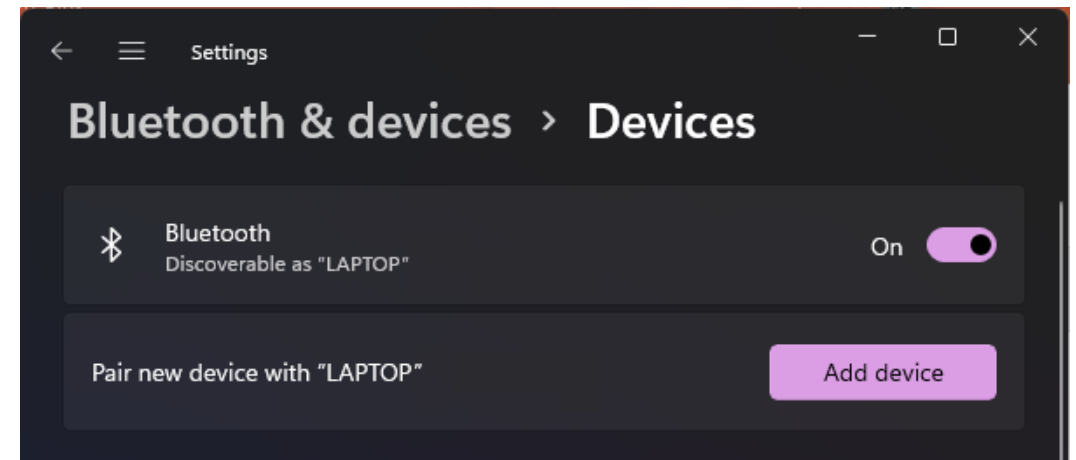
Wireless communication 3

How to pair the keyboard ?
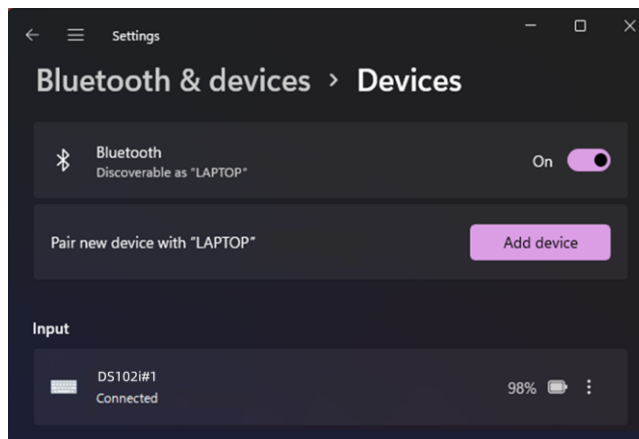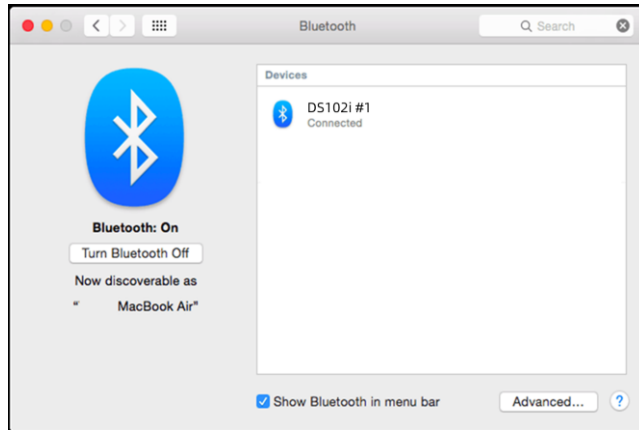
Key	Step 1 : press the buttons on the left with Fn key for 1 second	Indicator LED
7 ▷1	Searching Paired Bluetooth Host #1	LED No.1 blink for one second
4 ▷2	Searching Paired Bluetooth Host #2	LED No.2 blink for one second
1 ▷3	Searching Paired Bluetooth Host #3	LED No.3 blink for one second
0	Searching Paired RF Adapter	LED No.1,2 and 3 blink for one second
. USB	USB cable connection is detected Switch to USB wired mode	/

How to switch Fx function keys and WINDOWS system hot keys ?

Press Directly		Fn Key Combination
ESC		WIN Menu / Start

Press Directly		Fn Key Combination
F1		Screen brightness -
F2		Screen brightness +
F3		Launch Pad
F4		Search
F5		Dictation
F6		Lock Screen
F7		Previous track
F8		Play / Pause
F9		The next track
F10		Mute
F11		Volume -
F12		Volume +

Fn + TAB key Combination **3** seconds switch

Press directly		Fn Key Combination
Screen brightness -		F1
Screen brightness +		F2
Launch Pad		F3
Search		F4
Dictation		F5
Lock Screen		F6
Previous track		F7
Play / Pause		F8
The next track		F9
Mute		F10
Volume -		F11
Volume +		F12

Back

How to switch Fx function keys and MAC hot keys ?

Press Directly		Fn Key Combination
ESC		Apple Menu

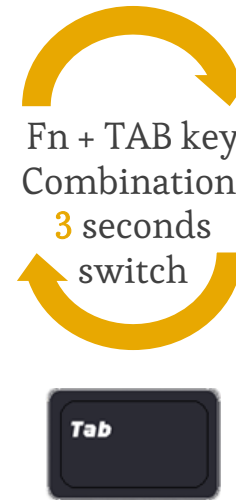| Press Directly		Fn Key Combination
F1		Screen brightness -
F2		Screen brightness +
F3		Launch Pad
F4		Search
F5		Dictation
F6		Do not Disturb
F7		Previous track
F8		Play / Pause
F9		The next track
F10		Mute
F11		Volume -
F12		Volume +

Fn + TAB key Combination **3** seconds switch

Press directly		Fn Key Combination
Screen brightness -		F1
Screen brightness +		F2
Launch Pad		F3
Search		F4
Dictation		F5
Do not Disturb		F6
Previous track		F7
Play / Pause		F8
The next track		F9
Mute		F10
Volume -		F11
Volume +		F12

How to edit macros ?

Available software " DS Commander "
Come to the six keys M1-M6 ,

Ins M1	Home M2	* M3	+ M4
Del M5	End M6	/ M7	- M8

and 12 keys on the numeric pad to edit macro

| 0 M9	. M10	Del M11	1 M12	2 M13	3 M14
4 M15	5 M16	6 M17	7 M18	8 M19	9 M20

Press Directly (Factory Default)		Fn Key + Combination Function Example (After Programming with DS Commander)
Del		Press Fn key and the key as shown in the M1 icon For example > Retrieve
End		Press Fn key and the key as shown in the M2 icon For example > 10 smiley faces in a row
Page Down		Press Fn key and the key as shown in the M3 icon For example > Open email
Ins		Press Fn key and the key as shown in the M4 icon For example > Enter personal EMAIL
Home		Press Fn key and the key as shown in the M5 icon For example > Enter personal mobile number
Page UP		Press Fn key and the key as shown in the M6 icon For example > Press enter 5 times in succession
Numpad 1/2/3 ...		Press the number lock key to unlock , then press the number key directly For example > Refresh

How to use " WB Pouch " ?

Hover the mouse cursor over the button icon at the top of the interface, and a new dialog box will automatically appear to display the default key value if it has not been edited or the previously edited key value.

as shown in the following image.
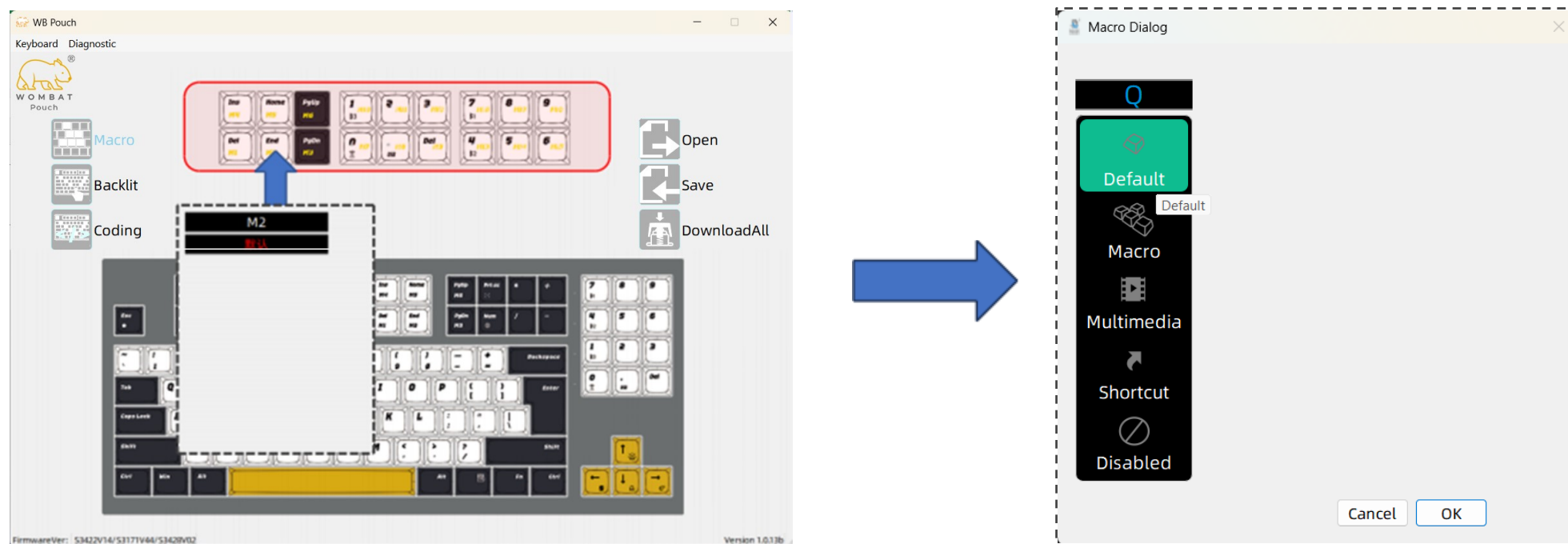
How to use " WB Pouch " ?

Taking "M2" as an example this time, there are a total of 5 options available for selection.
① Clicking on "Default," the "M2" key will be set to its initial key value, which is the "End" function.

② Clicking on "Macro," the software will switch to macro recording mode, as shown in the image on the right.
- A. Press the red dot to start "recording," and the button will change to a gray square labeled "Stop." This indicates that the software is now recording the keystrokes on the keyboard.
- B. At this point, if you press any key on the keyboard, the interface will display the key you just pressed.
- C. A keystroke action consists of two actions: "↓ Press" and "↑ Release," which is why you can see the result as shown in the image below.
- D. Once you have finished recording the keyboard actions, click on the gray square labeled "Stop" to stop the recording.
- E. Finally, click on the "OK" button at the bottom to complete the keyboard macro recording.

❖Important note! The macros/actions recorded in the software are not yet downloaded onto the keyboard. You must click on "Download" on the right side of the interface for the software to transfer the recorded macros to the keyboard for execution. Otherwise, if you switch to other editing functions without downloading, the recorded macros will be lost and you will need to redo them.
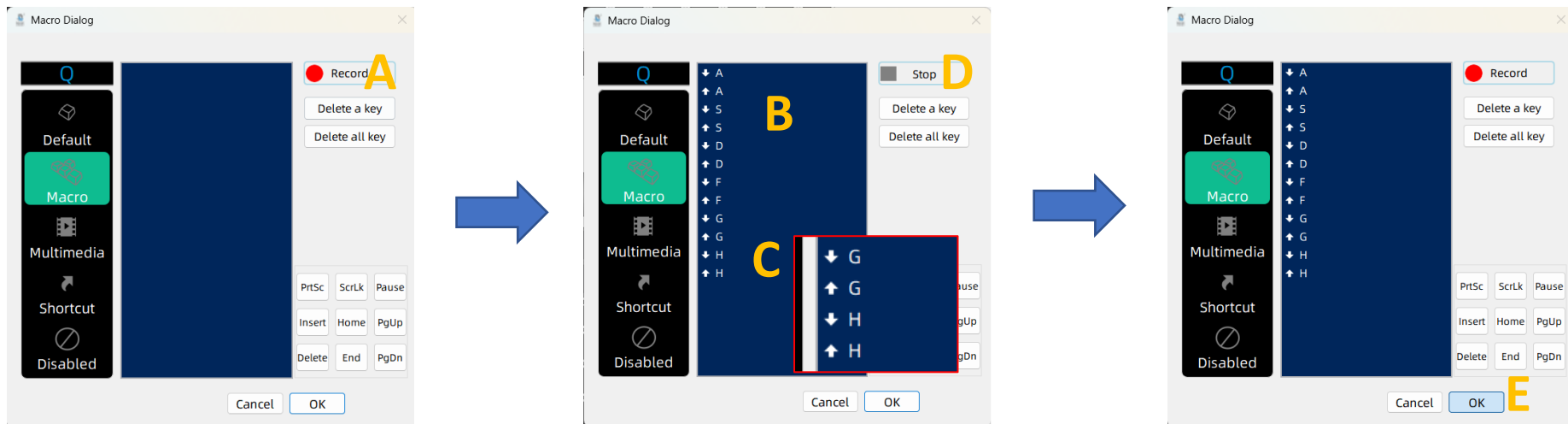
How to use " WB Pouch " ?

③ "Multimedia" and "Shortcut Keys" are some commonly used system operation hotkeys. This software includes a selection of commonly used hotkeys for various operations. You can click on the software's graphical icons to learn more details. It also includes hotkeys for video conferencing software.

③ "Disable" clears the key value. Once successfully set, pressing the key will result in no key code being sent, meaning it will behave as an empty key with no action when pressed.

❖ Click on the desired function, then click "Confirm" below. After that, return to the main interface and click the "Download" button on the right side to apply the changes and download them onto the keyboard.

Back
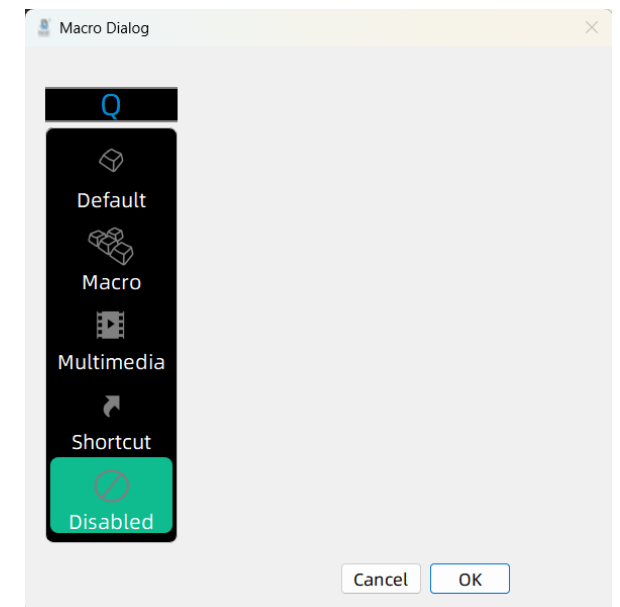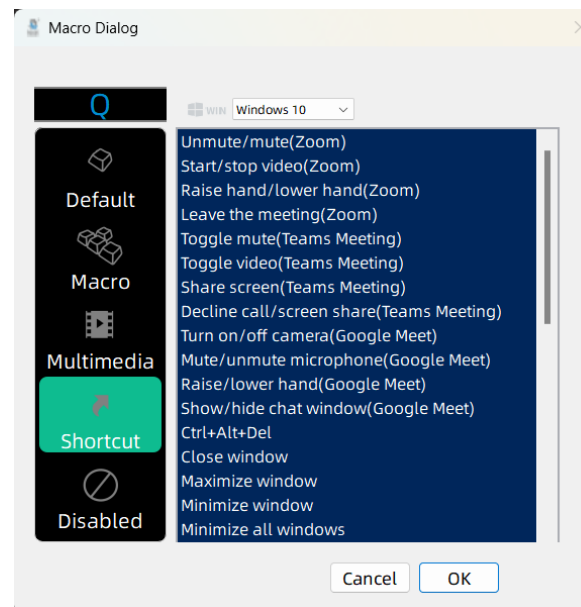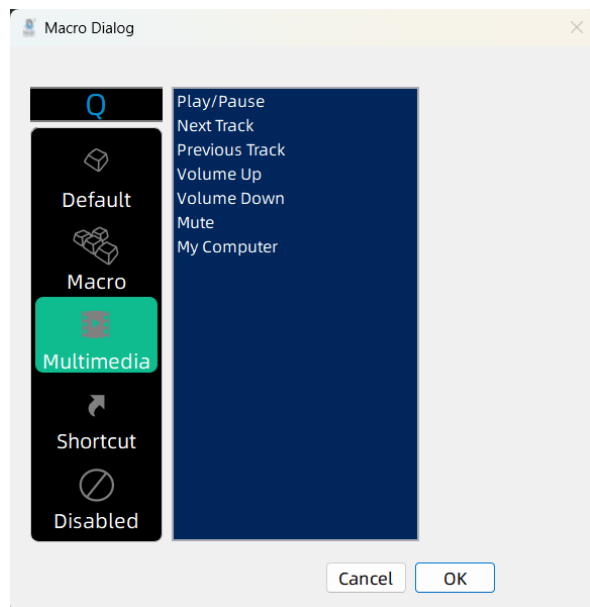
How to use " WB Pouch" ?
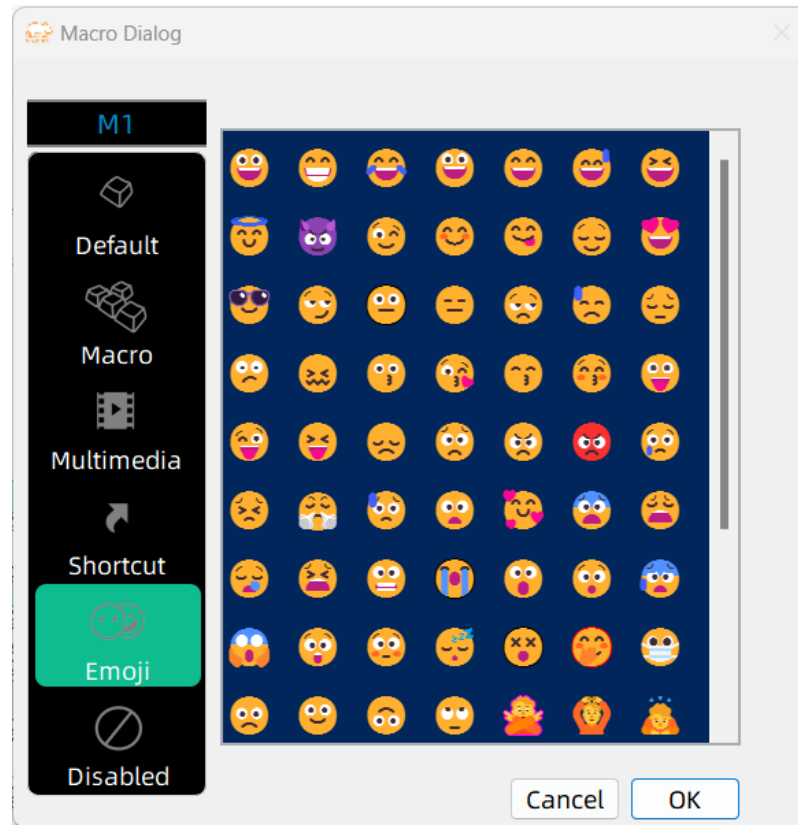
⑤ To invoke the edited macro on the keyboard, simply press Fn + the edited key. For example, in this example demonstration, you would press Fn + "M2".

⑥ It is possible to program emojis into macro keys. For example, you can edit the keys on the number pad to represent different emojis. By assigning a macro to each key, you can trigger the corresponding emoji with a single key press. This allows for quick and convenient access to your favorite emoji without having to manually input them each time.

❖ This option will only appear when "WB Pouch" detects the corresponding model, such as WF102i this time.