

W O M B A T

WF84 User Manual
V1.3



84-key US Layout

Fx function keys/MAC hot keys

MACROS edit

Wireless Connection

MACROS edit

Fn key

Backlit Profile

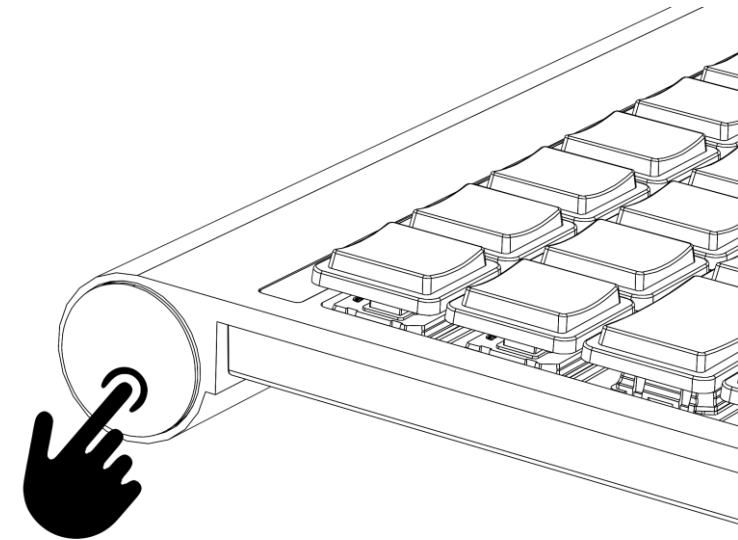
RGB features

Emoji Hot keys









Power ON/OFF

Status	Action	Indicator LED Color	Result
Wireless mode	Press and hold side switch for 1 Seconds	Indicator LED turn ON based on last wireless connection	Turn ON the Coleus
Wireless mode	Press and hold side switch for 3 Seconds	Bluetooth #1/2/3 and RF LEDs flash in Red color once	Turn OFF the Coleus



Indicator LEDs



Status Logo	LED Color	Definition
	Blue LED	Coleus Bluetooth #1
	Blue LED	Coleus Bluetooth #2
	Blue LED	Coleus Bluetooth #3
	Green LED	RF 2.4GHz Connection
	White LED/ Red LED	Capslock/ Battery status
	White LED /Light Blue LED	Apple Macintosh /Microsoft Windows

Switching between MAC and Windows layout

Enter macOS mode	LEDs status	Enter WINDOWS mode	LEDs status
Hold Fn + A for 3 secs	White M will Turn ON	Hold Fn + M for 3 secs	L.Blue M will Turn ON

Battery charging



The battery and charging status of the keyboard can be seen, to do so please plug the USB cable to the Coleus and press Fn+0 (number zero), then the indication LED "C" will display the status as follow:

Power 0~33%: LED "C" flashing in **Red** color

Power 33~66%: LED "C" flashing in **Yellow** color

Power 66~99%: LED "C" flashing in **Green** color

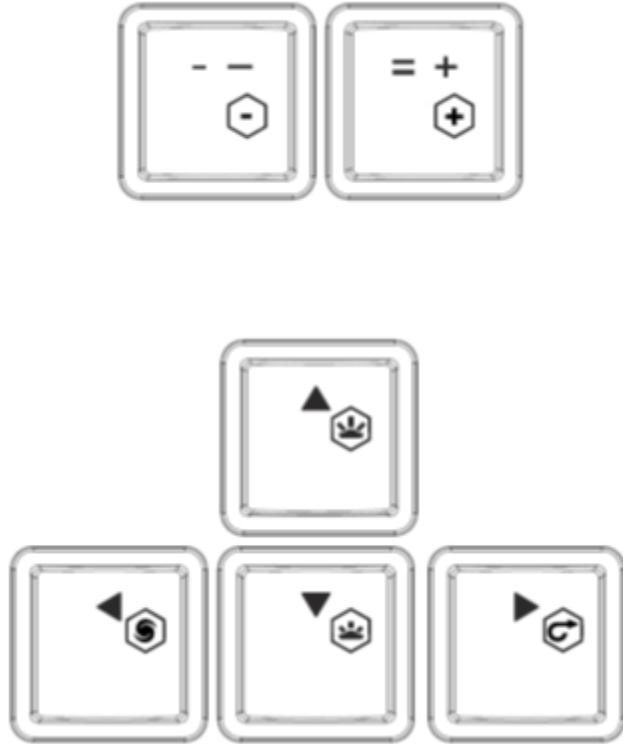
Fully charged 100%: LED "C" steady on in **Green** color

Fail to charge: LED "C" flash in **Red** and **Green** color alternately

When using the keyboard for the first time, it is recommended to charge it first for better performance. It takes not more than 5 hours to fully charge the internal battery. Also it is recommended to charge the battery once a month and charge it for at least 2 hours.














When the keyboard is connected to a USB host, the keyboard will automatically switch to USB mode. To save battery power, all LEDs are disabled in wireless mode. User can press and hold the Fn key anytime to view all the current status of the keyboard.

RGB features



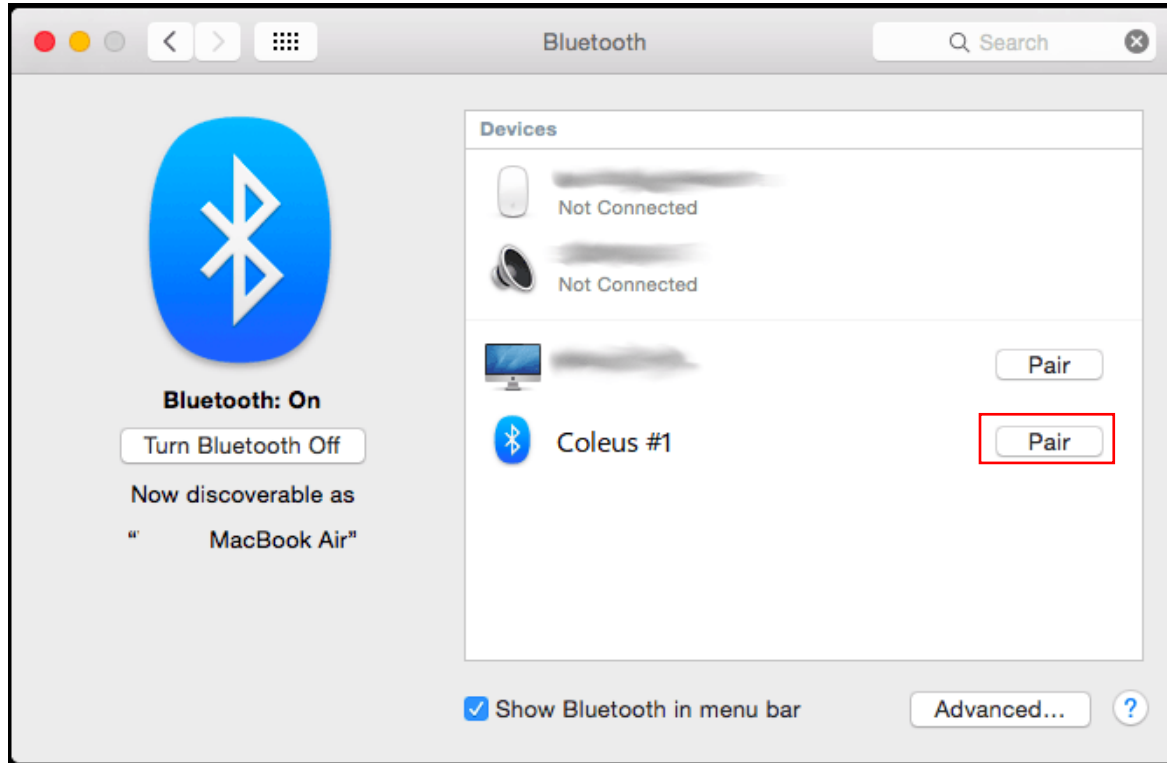
Press directly	Fn +
-	Backlit Speed -
=	Backlit Speed +
Cursor: Right	Switch backlit effect
Cursor: Left	Default color
Cursor: Down	Backlit Brightness -
Cursor: Up	Backlit Brightness +

Wireless Connection (pairing)

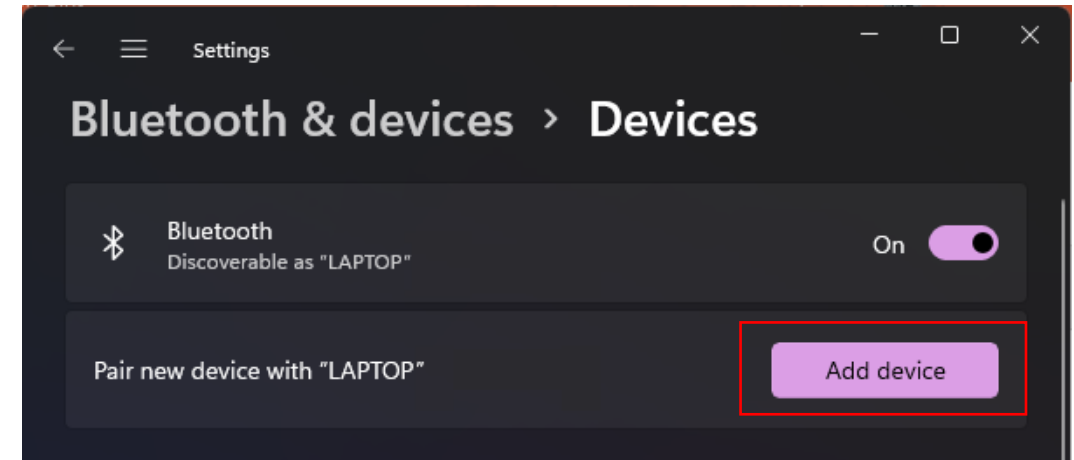
Key	Step 1: Press Fn + Key (3 seconds)	LED (Flashing)	Step 2:	LED (Steady ON)
	Searching Wombat Receiver to pair	 Green	No setting on MAC/PC is required, just wait for the LED to stop flashing and steady ON	Pairing succeed LED Steady ON  Green
	Searching Bluetooth host #1 to pair	 Blue	Go to your computer ➤ Bluetooth setting ➤ Search for Coleus #1 on the list and click “pair”	Pairing succeed LED Steady ON  Blue
	Searching Bluetooth host #2 to pair	 Blue	Go to your computer ➤ Bluetooth setting ➤ Search for Coleus #2 on the list and click “pair”	Pairing succeed LED Steady ON  Blue
	Searching Bluetooth host #3 to pair	 Blue	Go to your computer ➤ Bluetooth setting ➤ Search for Coleus #3 on the list and click “pair”	Pairing succeed LED Steady ON  Blue
	Switch to USB wired mode when USB cable connection is detected	/	No setting on MAC/PC is required	

Wireless Connection (for pairing step 2)










MAC Bluetooth setting

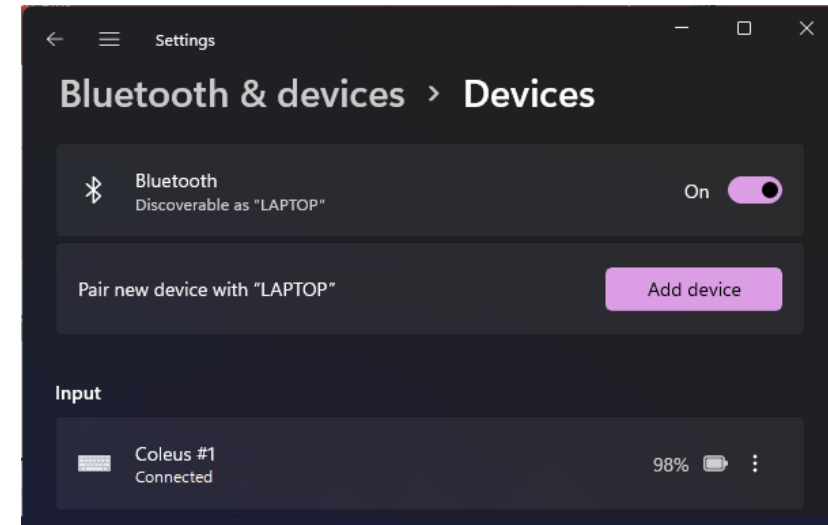
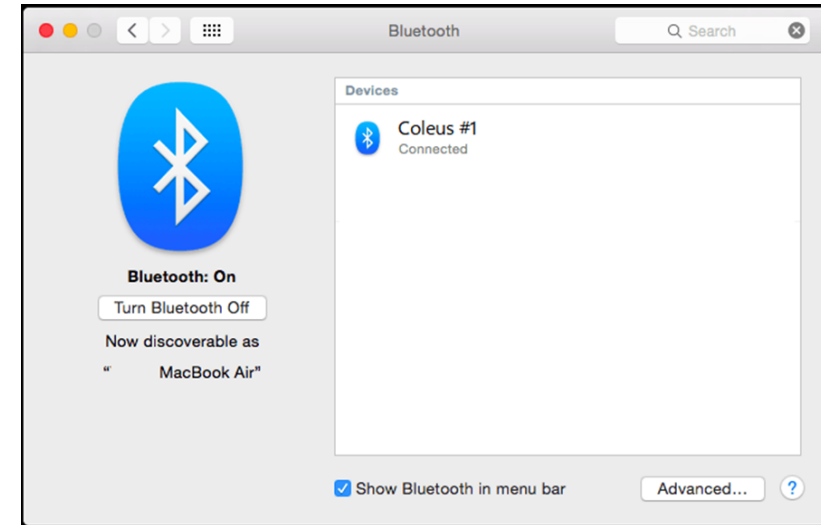


WINDOWS Bluetooth setting



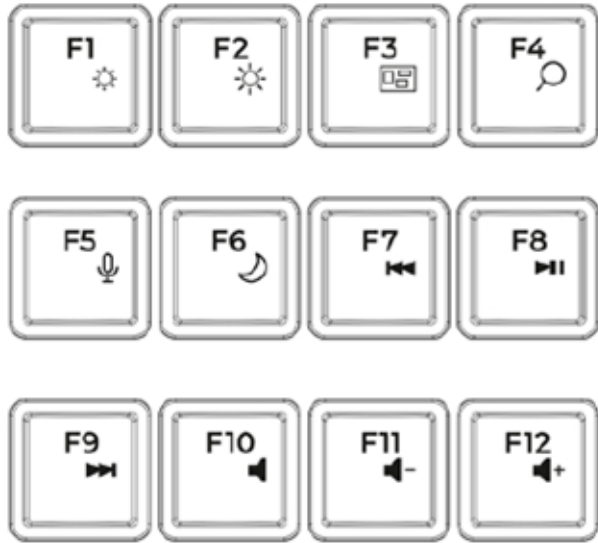
Wireless Connection (Re-connect)

Key	Step 1: Press Fn + Key (1 seconds)	LED (Steady ON)
	Searching for paired RF Dongle	 Green
	Searching for paired Bluetooth host #1	 Blue
	Searching for paired Bluetooth host #2	 Blue
	Searching for paired Bluetooth host #3	 Blue
	Switch to USB wired mode when USB cable connection is detected	/



Fx function keys/MAC hot keys

Press directly	Press Fn +
ESC	Apple Menu



Press directly	Press Fn +
F1	Screen Brightness -
F2	Screen Brightness +
F3	Launch Pad
F4	Spotlight
F5	Dictation
F6	Do not Disturb
F7	Previous track
F8	Play/Pause
F9	Next track
F10	Mute
F11	Vol -
F12	Vol +

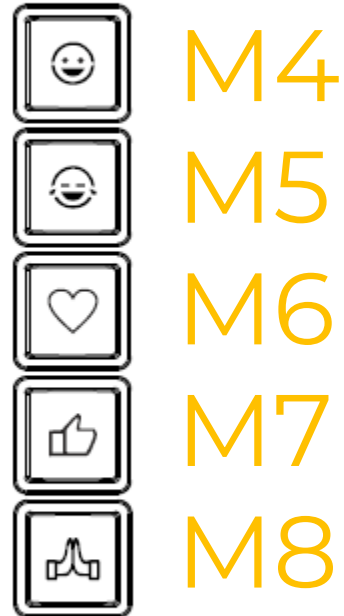
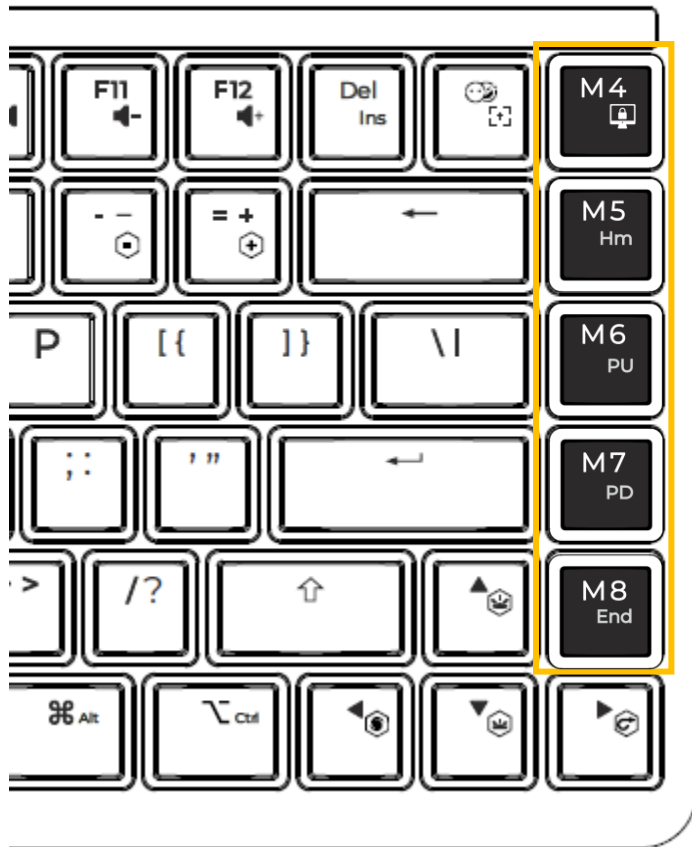
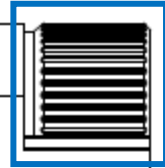


Press directly	Press Fn +
Screen Brightness -	F1
Screen Brightness +	F2
Launch Pad	F3
Spotlight	F4
Dictation	F5
Do not Disturb	F6
Previous track	F7
Play/Pause	F8
Next track	F9
Mute	F10
Vol -	F11
Vol +	F12

MACROS and Emoji Hot keys



- ↑ Clockwise - **M1**
- ← Tact switch - **M2**
- ↓ Anti-Clockwise - **M3**



Programmable layer, rotate/press directly (factory default)	Program key example	Press Fn + (Not Programmable)
M1 knob Vol +	Previous track	Volume +
M2 knob SW Mute	Play/Pause	Mute
M3 knob Vol -	Next track	Volume -
M4 Siri	Happy face	Lock Screen
M5 Browser	Tears of joy	Home
M6 Calendar	Love	Page Up
M7 Calculator	Thumbs up	Page Down
M8 Language	Pray	End

SOFTWARE for customizing your keyboard

WB Pouch

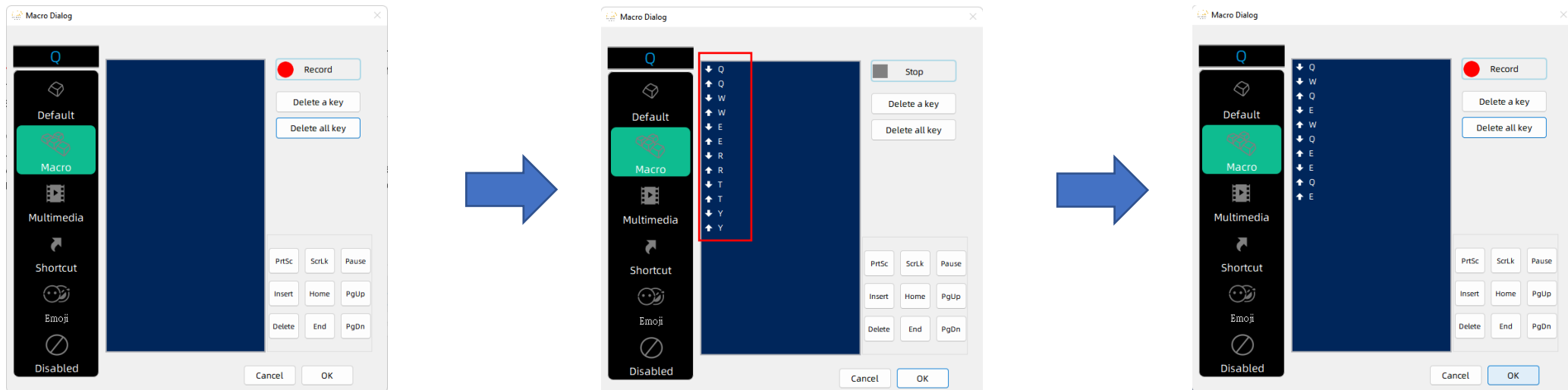
pDrive
(for Emoji)



MACROS Hot keys (Require WB Pouch)

1. Click **Default** , the " **W** " key will be set as the initial key value , that is, the letter " **W** "
2. Click on the **macro** , the software will convert to macro recording , as shown on the right
 - ① Press the **Red circle " record "**, the button will turn into a **Gray square " stop "**, indicating that the software has now started to record the keys pressed on the keyboard
 - ② At this point, if you press any key on the keyboard , the interface will display the key you just pressed.
 - ③ Pressing a key is composed of two actions: " **↓ press** " and " **↑ release** " , so you can see the result shown in the figure below.
 - ④ When you finish recording the actions on the keyboard , press the **Gray square " Stop "** to stop recording
 - ⑤ Then press OK at the bottom to complete the keyboard macro recording

❖ **Remember !** Recorded in the software / action has not been downloaded to the keyboard , you must click " **Download** " on the right side of the interface , the software will download the recorded macro to the keyboard for execution , otherwise, once you switch to other editing functions , the recorded macro will be Macros may be lost and need to be redone!!

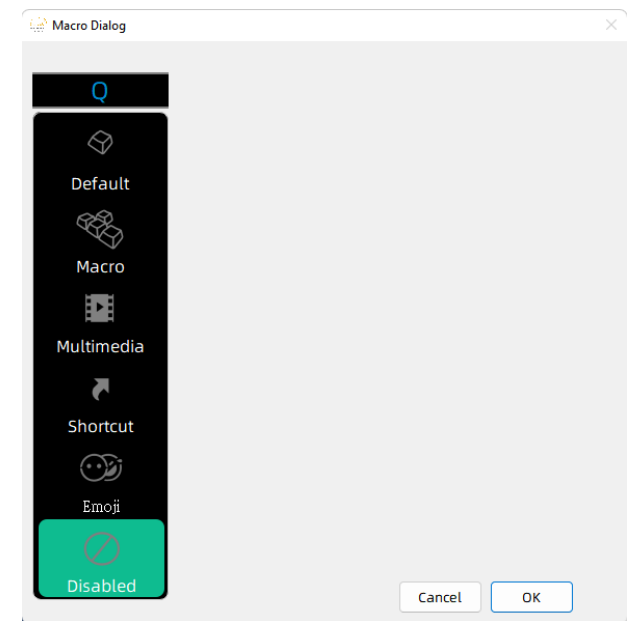
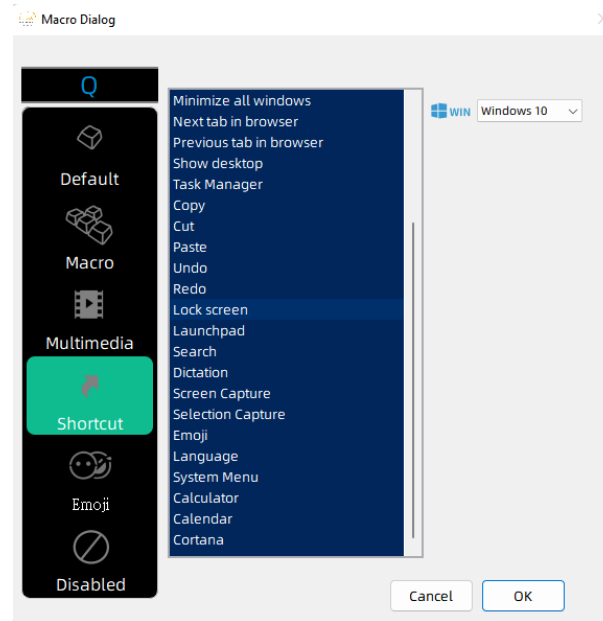
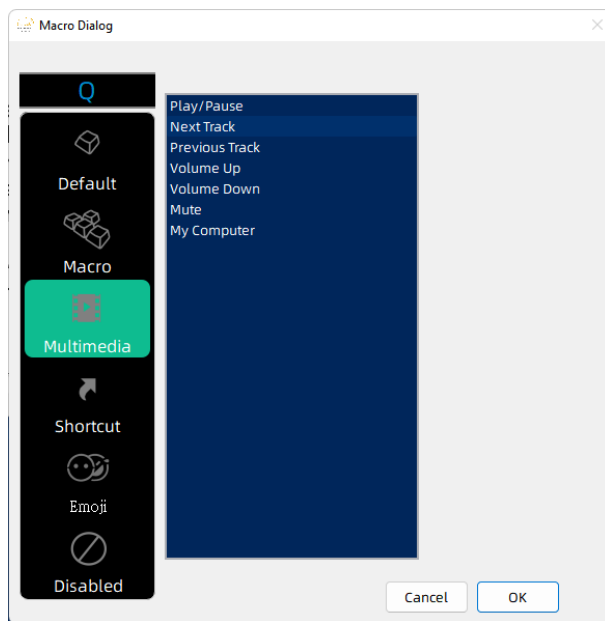


MACROS Hot keys (Require WB Pouch)

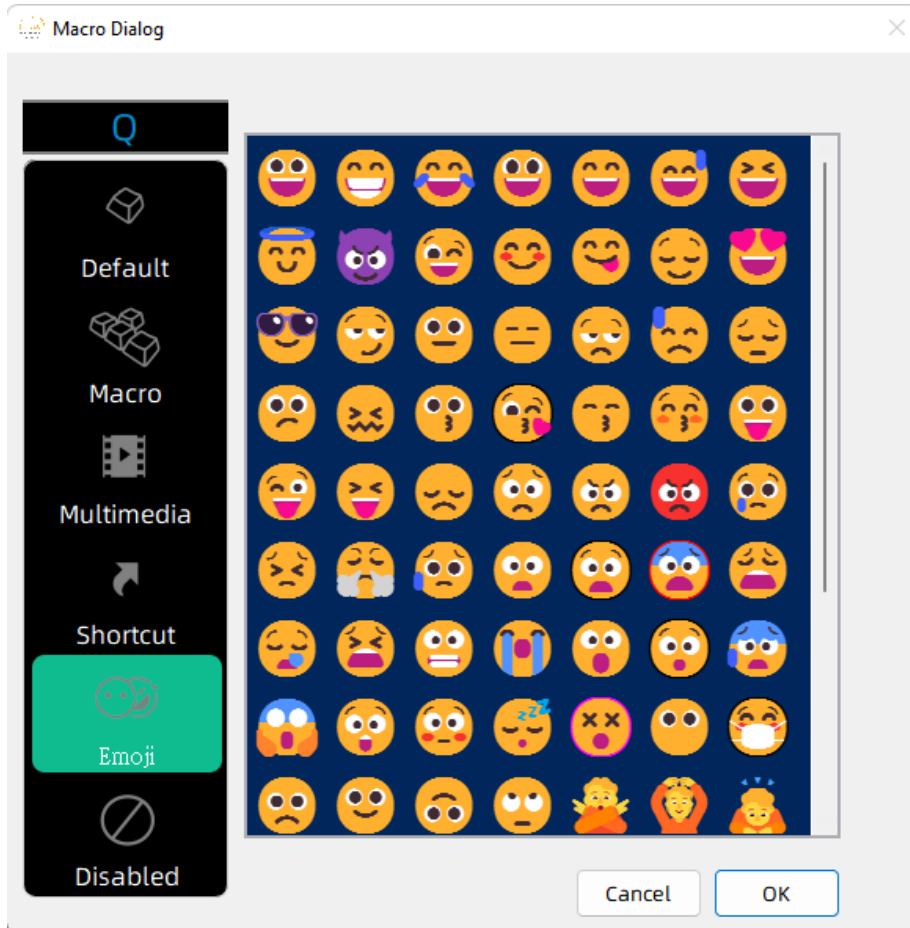
3. " **Multimedia** " and " **Shortcut keys** " are some commonly used system operation hotkeys . This software has included some commonly used operation hotkeys for selection.

4. " **Disable** " is to clear the key value. After successful setting, the key will become no code sent.

❖ Click the desired function , press " **OK** " below , then return to the main screen and press the " **Download** " button on the right to download it to the keyboard to take effect



MACROS and Emoji Hot keys (Require WB Pouch)

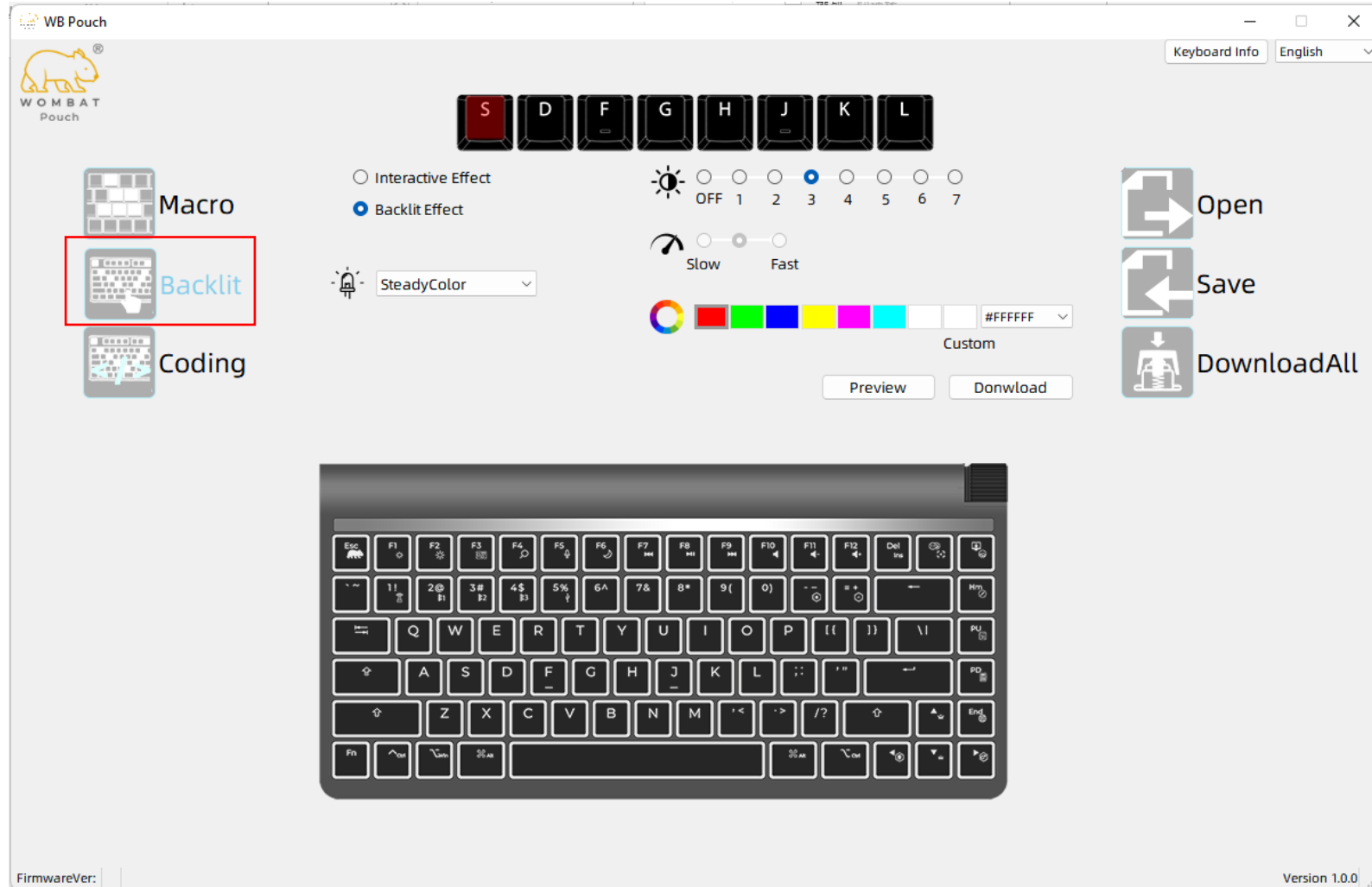


5. To call the edited macro on the keyboard , now just press Fn + the edited key , such as Fn + " **W** " in this example demonstration

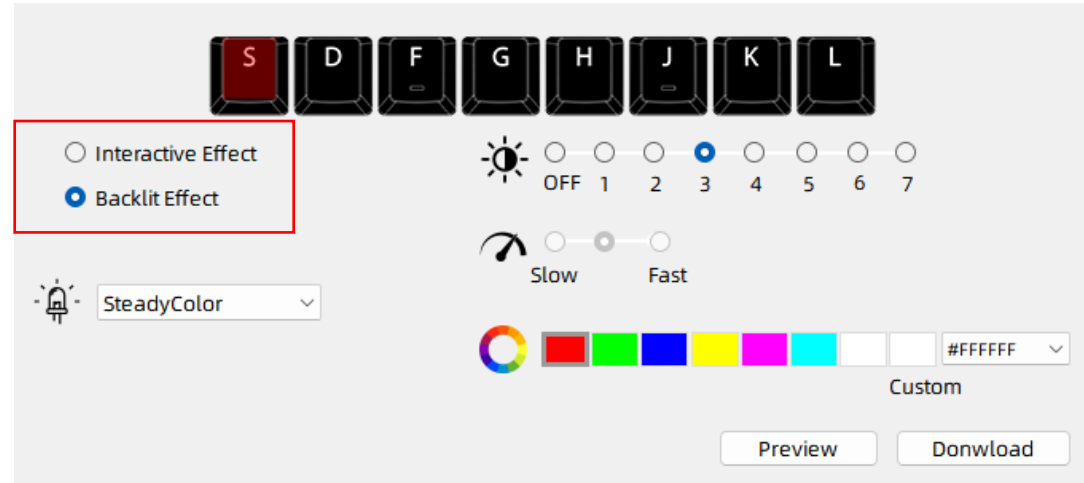
6. Also Emojis can be programmed into the MACRO keys, this option only appears when corresponding models are detected by the "WB Pouch", like WF84.



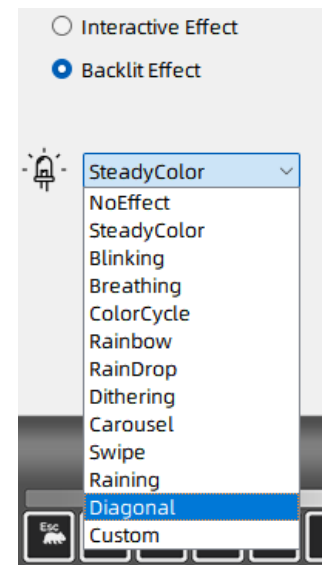
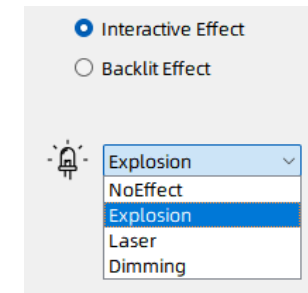
Backlit Profile (Require WB Pouch)



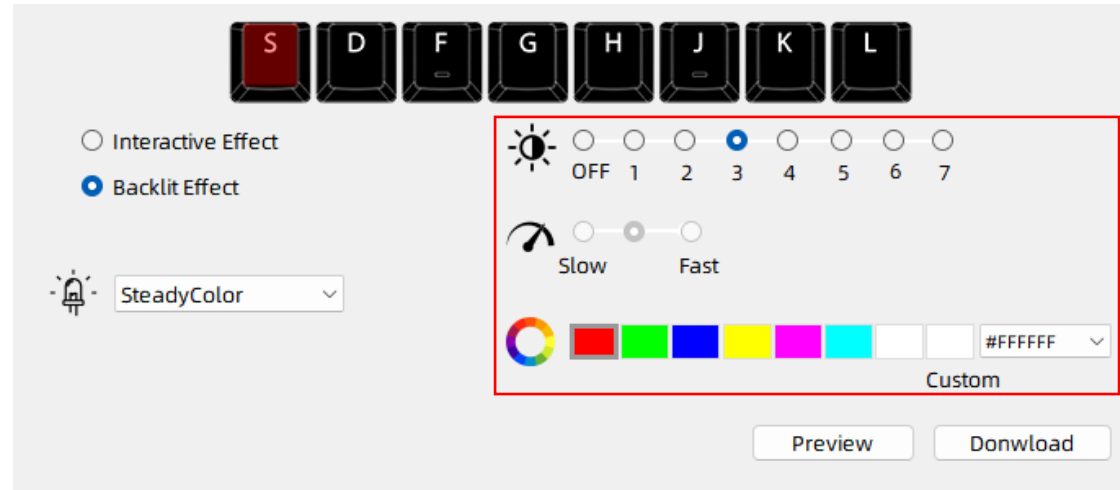
Backlit Profile (Require WB Pouch)



1. Click "**Backlight**" to pop up the above interface , the button "**S/D/F/G/H/J/K/L**" will appear at the top of the interface , indicating that the keyboard supports up to 8 custom key options
2. a custom button among 8 options , for example click "**D**" "\
3. Afterwards, the optional effects are divided into two categories , "**interactive**" and "**backlight**" effects :
 - ① Click **the " Interactive "** effect to display a drop-down menu , which represents the effect that will be triggered when the user presses the keyboard , see the figure on the right
 - ② Click **the " Backlight "** effect to display a drop-down menu , which represents the automatic cycle effect of the global backlight of the keyboard , as shown in the figure on the right



Backlit Profile (Require WB Pouch)



4. The selected effect can then be adjusted , including brightness / speed , and individual effects can be color-definable

- - Brightness 0 -7
- - speed class
- - Define the color A total of 7 presets and a color palette can be selected

5. After all selected, click " **Download** ", and the settings will be downloaded to the keyboard to take effect.

6. There are **individual** effects that support " **preview** " , you can see the effect first and then download it to the keyboard

7. To call the edited macro on the keyboard , now just press Fn + the edited key , such as Fn + " **D** " in this example

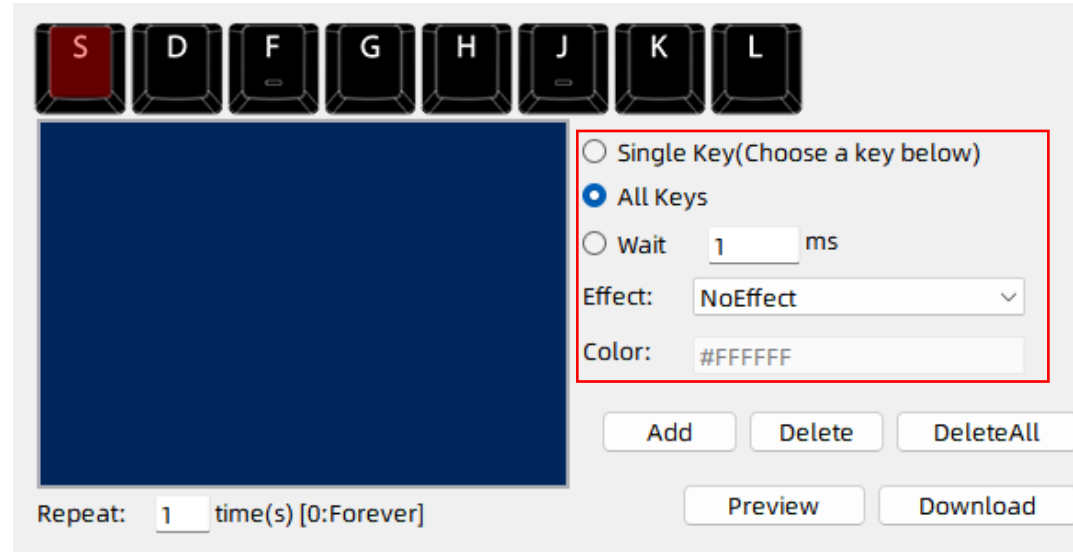


Backlit Profile Coding (Require WB Pouch)

The screenshot displays the WB Pouch software interface. At the top left is the logo for WOMBAT Pouch, featuring a yellow wombat. The main area is divided into several sections:

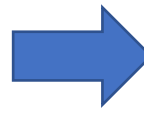
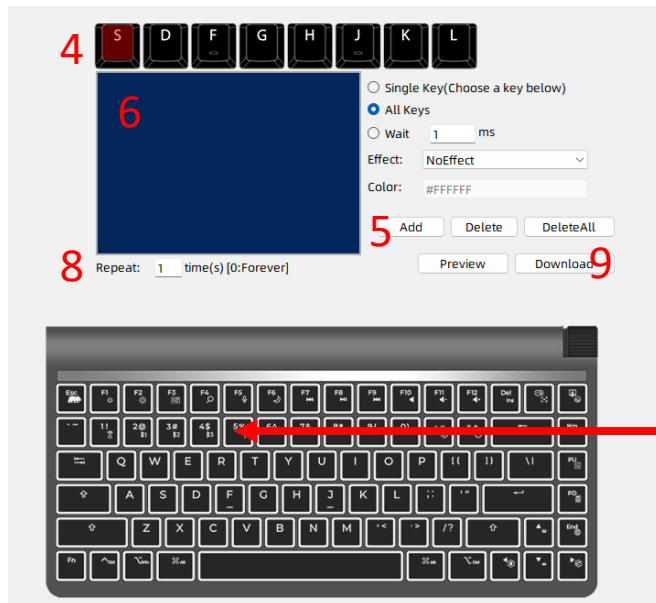
- Left Panel:** Three icons representing different profile types: Macro, Backlit, and Coding. The Coding icon is highlighted with a red rectangular border.
- Top Center:** A row of seven keyboard keys: S, D, F, G, H, J, and K. The 'S' key is highlighted in red.
- Center:** A large blue rectangular area representing the profile coding workspace.
- Right Panel (Configuration):**
 - Radio buttons for "Single Key(Choose a key below)", "All Keys" (selected), and "Wait".
 - A "Wait" field set to "1 ms".
 - An "Effect" dropdown menu set to "NoEffect".
 - A "Color" field set to "#FFFFFF".
 - Buttons for "Add", "Delete", "DeleteAll", "Preview", and "Download".
 - A "Repeat" field set to "1" with the text "time(s) [0:Forever]".
- Far Right Panel:** Three large icons for "Open", "Save", and "DownloadAll".
- Bottom:** A full QWERTY keyboard layout is shown at the bottom of the window.
- Footer:** "FirmwareVer:" on the left and "Version 1.0.0" on the right.

Backlit Profile Coding (Require WB Pouch)



1. Click " **Program** " to pop up the above interface , the button " **S/D/F/G/H/J/K/L** " will appear at the top of the interface , indicating that the keyboard supports up to 8 custom programming key options
2. a custom button among 8 options , for example click " **S** "
3. After that, the optional effects are divided into two categories , " **single key** " and " **all key** " effects :
 - ① Click " **Single Button** " and select a lighting effect from the drop-down menu
 - ② Click " **All Keys** " and select a lighting effect from the drop-down menu
 - ③ Click " **Wait** " to enter the time, the unit is one thousandth of a second, such as 1000ms = 1 second

4. Example : After selecting " **Single Key** " , you need to find a key you want to edit on the keyboard map , such as " 5 " , and then select the color of the light , such as purple ■ , the corresponding color number is R:85, G:0, B:255, then click " Add "
5. After clicking " Add " , a code will appear in the blue dialogue box to describe the action just set .
As shown in the figure below < num5 > < single light > < 85,0,255 >
6. After adding an effect, you need to add a delay to make the effect run and display. At this time, click "Wait " to add a delay of 1000ms, which is 1 second.
7. Continue to edit other actions to generate code to produce more effects, as shown on the right blue dialogue box
8. After all effects are added , in the " **Repeat** " box below the blue dialogue box, you can enter the number of times you want a whole set of effect loops , for example 2/5/16 times, you can also enter "0" to represent an infinite loop.
9. After all settings are completed, you can press Preview to see the effect, and then press " **Download** " to download the effect just edited to the keyboard
10. To call the edited macro on the keyboard, now just press Fn + the edited key, such as Fn + " S " in this example demonstration



```

<Num 5> <Dimming> <85,0,255>
<Wait> <1000 ms>
<All Keys> <Rainbow>
<Wait> <1000 ms>
<All Keys> <Carousel>
<Wait> <500 ms>

```

Character " 5 "

Backlit Profile Coding (Require WB Pouch)