

# RGB CORE User manual

## Main Features:

1. Tiny & compact size, easy to portable
2. Cherry MX switches inside
3. Arbitrary programming key code and LED colors (Backlit only)
4. PBT DSA profile keycaps with Dye-Sublimated technology
5. Anodized CNC-machined aluminum case (Narrow bezel)
6. Build in 4 layers
7. Detachable Micro USB cable

## Package Content:

1. Keyboard x 1
2. Micro USB Cable x 1

## Key code Programming Instruction:

The default layer (L0) can not be programmed. Only layer 1(L1) ~ layer 3(L3) can be.

Step 1. Choose the layer (L1~L3) \*note which you want to programmed.

Step 2. Press Fn + R\_Ctrl to enter the programming mode  
(R\_Spacebar LED steadily lit in Blue color)

Step 3. Select a key you want to program (R\_Spacebar LED flashing in Red color)

Step 4. Key in the contents and then press Pn (R\_Spacebar LED back to Blue color again)

Step 5. Repeat step 2 ~ step 4 to program other keys.

Step 6. Press Fn + R\_Ctrl to exit programming mode (Spacebar right LED off)

Note:

**R\_ctrl, M, < , > and L\_Shift keys are fixed can not be programmed.**

More:

Support Fn layer (e.g., Fn + A) to program.

Support time delay, press 15ms key (Fn + T) each time to delay 15ms, press 0.1s key (Fn + G) each time to delay 0.1s, press 0.5s key (Fn + B) each time to delay 0.5s.

Consecutive delay will add up but will only be counted as 1 key stroke.

Every key can program up to 32 key strokes.

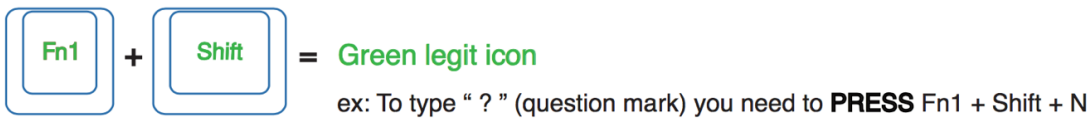
If there is no key pressed for 15 sec. in programming mode, it will back to normal mode.

## Restore to factory default:

1. Press and hold Fn + R, L\_spacebar LED will be flashing in white color for 5 seconds, then the layer will restore to default.

2. Press and hold both Alt, L\_spacebar LED will be flashing in white color for 5 seconds it will clean all layers' key codes if you had programmed.  
(return to default layer.)

# Keyboard layout:



# Switching layer description:

- Fn+M = Default layer (Spacebar left LED off)
- Fn+<, = Layer 2 (Spacebar left LED showing Red color)
- FN+>. = Layer 3 (Spacebar left LED showing Green color)
- Fn+Shift = Layer 4 (Spacebar left LED showing Blue color)

# Other description:

1. L\_Win + L\_Alt + R\_Spacebar = R\_Shift, R\_win , Menu(Pn) and R\_Ctrl as arrow keys
2. Switch Fn / Pn position\*<sub>note</sub>  
 Hit Fn and L\_Shift for 3 seconds, then select new Fn key location directly  
 Change Pn: With the above step
3. Fn1+Z as symbol key between L-shift and Z for ISO version

**Note:** Fn or Pn key only can swap to **L\_Ctrl, L\_Win, L\_Alt, L\_Spacebar, R\_Alt**

Multi-color dynamic Backlighting				Remark	
Pn	+	ESC	=	Palette	
		Q		Single Color - Red	
		W		Single Color - Green	
		E		Single Color - Blue	
		R		Display single color LED mode <sup>*2</sup>	
		T		Display full color LED mode <sup>*3</sup>	
		O		Custom LED mode 1	
		P		Custom LED mode 2	
		DEL		Display recording 1	
		Backspace		Display recording 2	
		C		Brightness down	
		V		Brightness up	
		<		Light effect speed down	
>	Light effect speed up				

Note:

\*2 Interactive mode, Flash vortex mode, Aurora mode.

\*3 Full key light mode, Breath mode, Vortex mode, Rain drop mode.

## RGB LEDs edit descriptions:

The RGB CORE has a total of 3 layers to edit the LEDs.\*4

Step 1. Choose a layer (Fn+<, > or ? key) you want to edit.

Step 2. Press Pn + O or P to enter the edit mode.

Step 3. Press Pn + Q, W and E to mix color\*5 **OR** press Pn + ESC\*6 to turn on the palette and select a color you want.

Step 4. Select a key or a row you want to change color.

Step 5. Press Pn + O or P again to exit edit mode.

Step 6. Press Pn + **DEL** or Pn + **Backspace** to display the previously saved setting.

Note:

\*4 Each layer can be edited in single key(Pn+O) or whole row(Pn+P)

\*5 The color you mixed will show on Pn key

\*6 There are total have 61 kinds of colors on palette.