

## Main Features:

1. Cherry MX switches inside
2. Arbitrary programming key-code and LED colors (Backlit only)
3. Build in 3 layers for programming
4. VSA profile keycaps with double shot legends
5. Detachable USB-C cable
6. CNC machined narrow bezel case
7. Support Vortexgear MPC online key-code editor

## Package Content:

1. Keyboard x 1
2. Micro USB Cable x 1
3. Extra Mac & RGBY modifiers keycap

## Keyboard Layout:



## 1. Switch O.S:

**a. Windows: Pn + Q**

**b. Mac: Pn + W**

Windows interchangeable with Alt

F1~F12 please refer to the mac keyboard layout

F3 and F4 need to set their own

**c. Linux: Pn + E**

Caps lock interchangeable with L\_Ctrl

## 2. Switch Keyboard Layout:

Pn + R+Shift switch(Cycle) - QWERTY/DVORAK/COLEMAK

## 3. Spacebar LEDs instructions:

a. Left side LED – Switching Layers (Pn + N, M, <, >)

None - Default

Red - Layer 1

Green - Layer 2

Blue - Layer 3

b. Right side LED – Switching layout and Windows lock

Red - COLEMAK

Green - DVORAK

Blue – Windows lock None – QWERTY (Default)

## 4. Other functions:

- a. Reset the current layer key-codes: Pn + R
- b. Reset all layers' key-codes and restore to default: L\_Alt + R\_Alt
- c. Swap Fn or Pn position:

Hit Fn + L\_Shift for 3 seconds then select new Fn key directly

Hit Pn + L\_Shift for 3 seconds then select new Pn key directly

Fn + Control keys				Remark	
Fn	+	F1	=	Mute	
		F2		Volume -	
		F3		Volume +	
		F4		Previous	
		F5		Play/Pause	
		F6		Next	
		F10		Print Screen	
		F11		Scroll Lock	
		F12		Pause	
		Backspace		Calculator	
		Delete		Insert	
		Z		APP	
		T		Delay 15ms	Only on Macro mode
		G		Delay 0.1s	
B	Delay 0.5s				

Pn + function key				Remark	
Pn	+	ESC	=	Palette	
		1		Single Red Color	Seven levels of brightness
		2		Single Green Color	Seven levels of brightness
		3		Single Blue Color	Seven levels of brightness
		4		LED mode 1	Single key backlit
		5		LED mode 2	Full keys backlit
		9		custom mode 1	Customize single key backlit
		0		custom mode 2	Customize full key backlit
		_ -		CM1	Display Custom mode 1
		= +		CM2	Display Custom mode 2
		L_Alt		Bluetooth paring	Hit around 3 sec.then Capslock starts flashing
		J		Bluetooth device	Connect BT device
		K			
		L			
		;			
		Tab		USB	Swap USB or Bluetooth
		\		Bluetooth	
		N		Default	Switch Layer
		M		Layer 1	
		<		Layer 2	
		>		Layer 3	
		R		Reset current layer	Left Spacebar LED flashing in white color
		L_Ctrl		Enter or exit to Macro mode	Green LED on Capslock
		R_Shift		Change layout	QWERTY/DVORAK/COLEMAK
		L_Shift		Swap Pn	
		L_Windows		Windows lock	Right Spacebar LED change to Blue color
		↑		RGB lighting +	
		←		RGB lighting speed -	
↓	RGB lighting -				
→	RGB lighting speed +				

# Programming / Macro Guide

Step 1. Choose a layer (Pn+ **M**, **<**,**>** key) where you want to edit the keycodes.

Step 2. Hit Pn + Left Ctrl to enter the programming mode (Capslock LED steadily lit in green)

Step 3. Select a desire key you want to program (Capslock LED flashing in green)

Step 4. Key-in the contents and then press Pn (Capslock LED steadily lit in green again)

Step 5. Repeat step 2 and step 3 to program other keys.

Step 6. Press Pn + Left Ctrl to exit programming mode (Capslock LED off)

## **More:**

Support Fn layer programming, you can select the Fn combination key (e.g., Fn + A) to program it

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.