



RGB POK3R User manual

The Vortexgear RGB POK3R is the world's first small size keyboard with RGB LEDs. It's integrating 3 kind of layout. Also features 3 layers customization options individually programmable key codes and LEDs, all easily set through what you want.

Main Features:

1. Tiny size ANSI or ISO layout
2. Cherry RGB MX inside
3. Arbitrary programming key code and LED colors
4. ABS double shot Keycaps
5. 3 layers customization
6. Built-up 3 kind of layout (Qwerty, Dvorak, Colemak)
7. Metal bezel

Package Content:

1. Keyboard x 1
2. USB Cable x 1

Enjoy now for this fantastic tool and your typing feeling.

Keycode Programming Instructions*1:

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

Step 2. Press Fn + Right CTRL to enter the programming mode (Spacebar right LED steadily lit)

Step 3. Select a desire key you want to program (Spacebar right LED flashing)

Step 4. Key in the programming contents and then press Pn(Spacebar right LED steadily lit again)

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

Step 6. Press Fn + Right CTRL to exit programming mode (Spacebar right 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.

Note:

*1 Default layer, R_ctrl, M,<, > and ? keys are fixed can't be programmed.

Restore to factory default:

Current layer:

Press and hold Fn + R

All layers:

Press and hold both Alt keys, it will clean all the layers' program key codes.

Remark:

1. When you reset the current layer or all layers, the spacebar left LED will flash at the after 5 seconds then it will return to default.
2. If you had changed the Fn position and forgot where it was. You still can press the *original* position of Fn + R to restore it.

Fn General keys				Remark	
Fn	+	ESC	=	`	Key code change
		1		F1	
		2		F2	
		3		F3	
		4		F4	
		5		F5	
		6		F6	
		7		F7	
		8		F8	
		9		F9	
		0		F10	
		- _		F11	
		= +		F12	
				↑	
		J		←	
		K		↓	
		L		→	
		P		PrtSc	
		[{		ScrLk	
] }		Pause	
		Z		APP	
		H		Home	
		N		End	
		U		PgUp	
O	PgDn				
Backspace	Del				
" '	Del				
::	Ins				

Switching Layer					Remark
Fn	+	M	=	Default	Spacebar left LED off
		<,		Layer 2	Spacebar left LED showing RED color.
		>.		Layer 3	Spacebar left LED showing Green color
		?/		Layer 4	Spacebar left LED showing Blue color

Multimedia key function					Remark
Fn	+	Q	=	Previous	
		W		Pause/Play	
		E		Next	
		S		Volume -	
		D		Volume +	
		F		Mute	

Multi-color dynamic Backlighting				Remark	
Pn	+	ESC	=	Palette	
		1		Single Color - Red	
		2		Single Color - Green	
		3		Single Color - Blue	
		4		Display single color LED mode ^{*2}	
		5		Display full color LED mode ^{*3}	
		9		Custom LED mode 1	
		0		Custom LED mode 2	
		- _		Display recording 1	
		= +		Display recording 2	
		X		Brightness down	
		V		Brightness up	
		<		LED speed up	
		>		LED 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 POK3R 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 + 9 or 0 to enter the edit mode.

Step 3. Press Pn + 1, 2 and 3 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 + 9 or 0 again to exit edit mode.

Step 6. Press Pn + - or Pn + = to display the previously saved setting.

Note:

^{*4} Each layer can be edited in single key (Pn+9) or whole row (Pn+0)

^{*5} The color you mixed will show on Pn key

^{*6} There are total have 61 kinds of colors on palette.

DIP Switch function descriptions:

SW 1	SW 2		Layout	Remark
ON	ON	=	Colemak	Default = OFF
ON	OFF	=	Dvorak	
OFF	ON	=	Qwerty	
OFF	OFF	=	Qwerty	

	ON	OFF	Remark
SW 3	CapsLock = Fn	CapsLock = CapsLock	Default = OFF
SW 4	Change Fn & Pn at any position	Fn & Pn at original position	R_CTRL Shall not be changed to Fn or Pn

Others:

1. Fn + Shift + ESC = ~

2. L_Win + R_Alt + Spacebar:

The bottom right corner as arrow keys.