POK3R User manual

Description:

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 Instruction

RGB POK3R built in 4-layers. The default layer can't be programmed. Only layer 2~layer 4 can be.
Note:
R_ctrl, M,<,> and ? keys are fixed can't be programmed.

Step 1. Choose the layer (Fn+**<,>** or **?** key) which you want to programming.

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

Step 3. Press the key you want to program (Spacebar right LED flashing)

Step 4. Key in the programming content 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

· Under SELECT state (step 1), you can press Pn + any key to view its content in a word processing
   Software (e.g., Notepad)

· 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

Press and hold Fn + R, Spacebar left LED is flashing at the after 5 seconds, then the layer will restore to default.

Note:

1. You can clean the programmed keys layer by layer, OR

Press and hold both Alt (Right and Left) will clean all layers program key codes if you had programmed. (It will return default layer.)

2. If you have changed the Fn position and forgot where it was. You still can press the original FN (The right side of the right ALT) position and R to restore it.

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

FN、PN composite keys

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

Monochromatic Backlighting Function				Remark
Fn	+	X	Light on/off and swap LED mode	(Single color LEDs only)
		C	Light down	
		V	Light up	

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		R	
		2		G	
		3		B	
		4		Display single color LED mode	
		5		Display full color LED mode	
		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:

    *1 Interactive mode, Flash vortex mode, Laser row mode.

    *2 Full key light mode, Breath mode, Vortex mode, Rain drop mode.

RGB LEDs edit instruction

The RGB POK3R built in 3 layers can edit the LEDs. *3

    Step 1. Choose the layer (Fn+**<,>** or **?** key) which you want to edit RGB color

    Step 2. Press Pn + 9 or 0 to enter the edit mode.

    Step 3. Press Pn + 1, 2, 3 to mix the color or press Pn + ESC to turn on the Palette then choose the key you want to change.

    Note:

      If you choose to mix the color (Press Pn+1,2,3) by yourself, the mix color will show on Pn key

      If you choose turn on the Palette, then select any colors which shown on keyboard. There are 61 kinds of colors on Palette.

    Step 4. Press Pn + 9 or 0 again to exit edit mode

    Step 5. Press Pn + "-" or "=" to display the previously saved setting.

Note:

*3 Every layer can edit single key(Pn+9) or whole row(Pn+0)

DIP Switch function description:

SW 1	SW 2		Layout	Remark
ON	ON	=	Colemak	
ON	OFF	=	Dvorak	Default = OFF
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. Left_Shift + ESC = ~

2. R_Alt + Spacebar = R_Shift, FN, PN and R_Ctrl as arrow keys.