

# POK3R User manual

## Description:

The Vortexgear POK3R is the perfect solution for limited spaces in situations. Built up 3 kinds of layout, it also features individually programmable keys with 3 layers customization options, all easily set through what you want.

## Main Specification:

1. Tiny size keyboard with 61/62 keys
2. Cherry MX switches
3. Arbitrary programming
4. ABS material keycaps
5. 3 layers of customisation
6. Dip switches for 3 kinds of layout (Qwerty, Dvorak, Colemark)
7. Metal bezel

## Package Content

1. Keyboard x 1
2. USB Cable x 1

## Per-Key Lighting Instruction

1. MENU + 9 or 0 to enter recording mode
2. Hold MENU and press 1/2/3 to choose your colour (indicated by MENU button lighting)
3. Release MENU and press the keys you wish to apply colour to.
4. Wait 15 seconds or press MENU + 9/0 to exit recording mode
5. MENU + '-' or '='

Remark: instead of MENU + 1/2/3 you can also use MENU + ESC to open the colour palette and then press the colour you would like to use

# Programming Instruction

## Note:

The POK3R built in 4-layers. The default layer can not be programmed. Only layer 2~layer 4 can be. FN + R\_ctrl, M,<,> and ? keys are fixed can not 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 MENU (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 MENU + 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 exit 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 + MENU composite keys

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	
		I	↑	
		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 <b>BLUE</b> color.
		>.		Layer 3	Spacebar left LED showing <b>RED</b> color
		?/		Layer 4	Spacebar left LED showing <b>Purple</b> color

Monochromatic Backlighting Function				Remark	
FN	+	X	=	Light on/off and swap LED mode	( Backlit version 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	
MENU	+	ESC	=	Palette	(RGB version only)
		1		R	
		2		G	
		3		B	
		4		Change single key color	
		5		Change all of keys color	
		6		Reserve	
		7		Reserve	
		8		Reserve	
		9		Record lighting 1 (per key)	
		0		Record lighting 2 (per row)	
		- _		Play recording 1	
		= +		Play recording 2	
		X		Light down -	
		V		Light up +	
		<		Speed down +	
>	Speed up -				

## DIP Switch function description:

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&MENU at any position	FN&MENU at original position	R_CTRL Shall not be changed to FN or MENU

### Others:

1. Left\_Shift + ESC = ~
2. L\_Win + R\_Alt + Spacebar = R\_Shift, FN, MENU and R\_Ctrl as arrow keys.