THE NEW POK3R

The new RGB POK3R is the perfect solution for limited desk space. Choose between 3 different keyboard layouts, with additional features such as individually programmable keys with 3 different customizable layer options, changed to USB-C connect which is more friendly to plug-in when you use it. All easily set through what you want.

Features:
1. ANSI layout with 61 keys
2. Chery MX switches
3. On-board macro (3 layers) and RGB lighting effect setting
4. Build-in 3 layouts (Qwerty, Dvoark, Colemak)
5. Metal case
6. USB-C
7. Support firmware update on Mac O.S

VORTEX KEYBOARD

Packing contect

1. Keyboard x 1
2. USB-C able x 1
3. Manual x 1

Product specification

Model name	RGB POK3R
Number of keys	61 or 62
Switch type	Cherry MX
Cable	Detachable with USB-C
Cable length	1.5m
Backlit	RGB
Weight	770 ±10g
Dimensions (LxWxH)	291 x 103 x 37 ± 5 mm
Warranty	1 year

Keyboard Default layout

LED 1   LED 2

Fn function description table

Fn + ESC = `
Fn + 1 = F1
Fn + 2 = F2
Fn + 3 = F3
Fn + 4 = F4
Fn + 5 = F5
Fn + 6 = F6
Fn + 7 = F7
Fn + 8 = F8

Fn + 9 = F9
Fn + 0 = F10
Fn + - = F11
Fn + + = F12
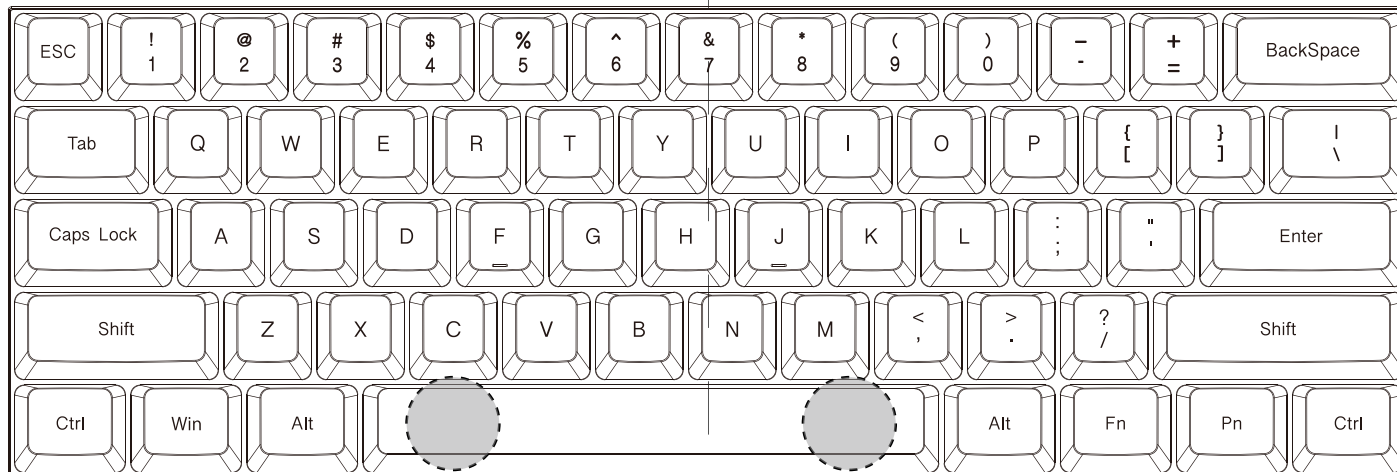Fn + I = ↑
Fn + J = ←
Fn + K = ↓
Fn + L = →
Fn + P = PrtSc

Fn + [{ = Scrlk
Fn +]} = Pause
Fn + Z = APP
Fn + H = Home
Fn + N = End
Fn + U = PgUp
Fn + O = PgDn
Fn + Backspace = Del
Fn + L_Shift+ESC = ~

Fn + " ' = Del
Fn + ; : = Ins
Fn + M = Default
Fn + <, = Layer 2 (LED 1 on red light)
Fn + >. = Layer 3 (LED 1 on green light)
Fn + ?/ = Layer 4 (LED 1 on blue light)
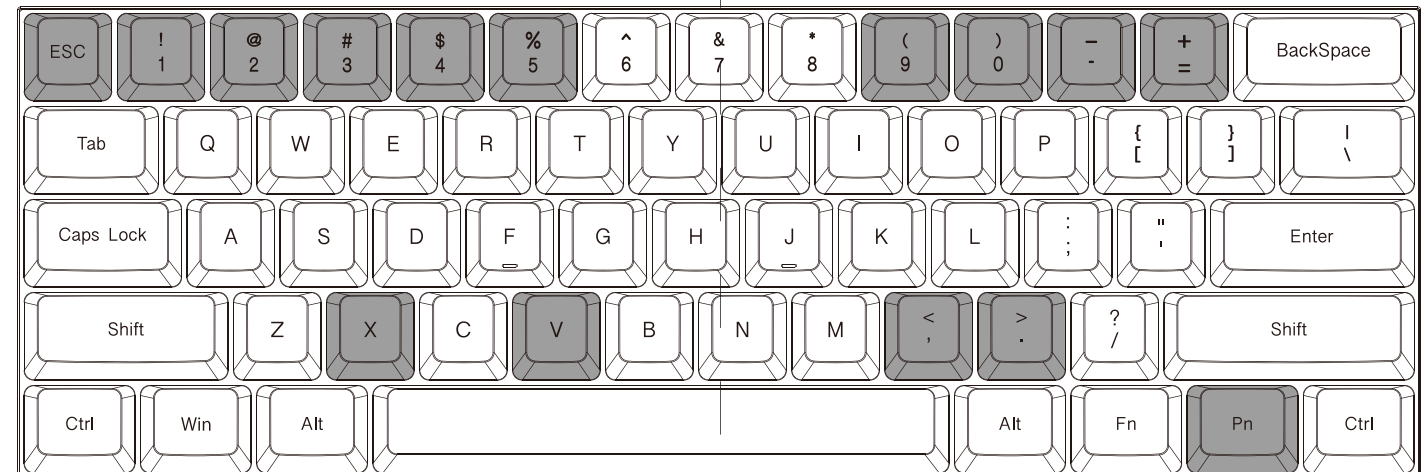Fn + S = Volume down
Fn + D = Volume up
Fn + F = Mute

Pn function description table

Pn + ESC = Open the color palette (61 colors)
Pn + 1 = Monochrome light - Red
Pn + 2 = Monochrome light - Green
Pn + 3 = Monochrome light - Blue
Pn + 4 = LED mode 1 (built-in) single key backlight (loop)
Pn + 5 = LED model 2 full-key backlight (loop)
Pn + 9 = Custom RGB LED mode 1
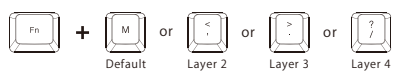Pn + 0 = Custom RGB LED mode 2

Pn + - = Display custom RGB LED mode 1 (Single key)
Pn + + = Display custom RGB LED mode 2 (Whole column)
Pn + X = Light brightness +
Pn + V = Light brightness -
Pn + < = Dynamic light acceleration
Pn + > = Dynamic light acceleration

Macro instruction:

Step 1: Select a layer (Fn + "<", ">" or "?" key).

[Fn] + [M] or [<] or [>] or [?]
Default / Layer 2 / Layer 3 / Layer 4

1. No light: Default
2. Red light: Layer 1
3. Green light: Layer 2
4. Blue light: Layer 3

Step 2: Press Fn + right Ctrl to enter the programming mode (the LED 2 is steady light)

Step 3: Hit the key you want to program (the LED 2 flashes)

Step 4: Type the content then hit Pn key (the LED 2 light on constantly)

Step 5: Repeat Step 3 and Step 4 to program other keys.

Step 6: Press Fn + right Ctrl key to exit the programming mode (the LED on the right side of spacebar goes out)

Note:

The keyboard has 4 built-in layers. The default layer cannot be programmed.

Fn + right Ctrl / M / < / > and ? disable.

Remarks:

1. Support Fn layer programming, Fn compound key (for example Fn + A) can be programmed in key selection state.
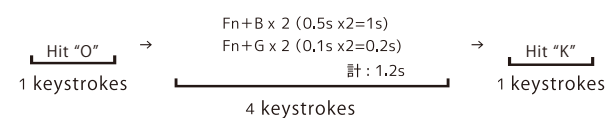
2. Support delay output. In the state of key selection (step 3), Fn + T, Fn + G, Fn + B, the continuous delay only counts one time but the time accumulates.

[Fn] + [T Y / G H / V B]   Fn + T delays 15ms
Fn + G delays 0.1s
Fn + B delays 0.5 s
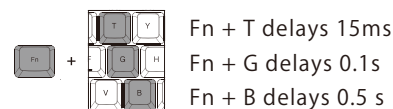
Example:
Program to enter "OK" when Q is pressed. Insert an interval of 1.2 seconds between O and K.
Press "O" and hit Fn+B 2 times (0.5s x 2 = 1s) and Fn+Gx2 time (0.1s x2=0.2s)

Hit "O"   →   Fn+B x 2 (0.5s x2=1s)   →   Hit "K"
1 keystrokes   Fn+G x 2 (0.1s x2=0.2s)   1 keystrokes
                        計：1.2s
                    4 keystrokes

3. Each key can input up to 31 key-code.

4. In programming mode, if you do not press any keys within 15 seconds, it will automatically exit.

Remarks:

How to change the position of Fn or Pn. Fn as an example:

Step 1: Turn on the DIP switch 4

Step 2: Select a Layer

Step 3: Press Fn and then select the new location you want

Step 4: Close the DIP switch 4 complete the change

Change Pn position as above steps

RGB LED editing instructions:

3 layers can edit RGB lighting effects and each layer can edit single-key backlight or entire column backlight.

Step 1. Select a layer whose color you want to edit (Fn + <,> or? Key)
Step 2. Press Pn + 9 or 0 to enter the edit mode.
Step 3. Press Pn + 1, 2, 3 to mix colors by yourself or press Pn + ESC to open the color palette, and select a color to change directly
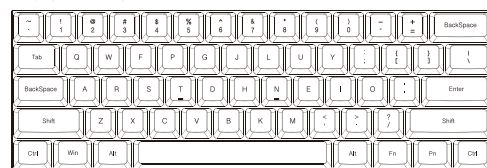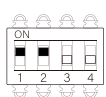
note:
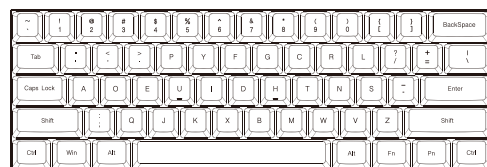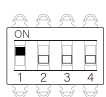If you choose to mix the color yourself, the color will be displayed on the Pn key

Step 4. Press Pn + 9 or 0 again to exit the edit mode
Step 5. Press Pn + "-" or "=" to display the set custom color.
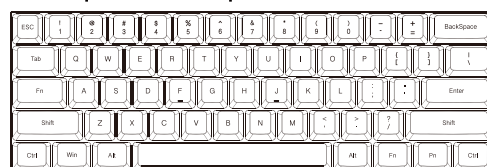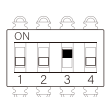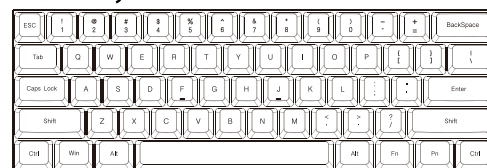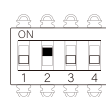
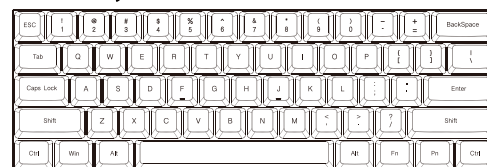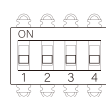## Dip switch description table
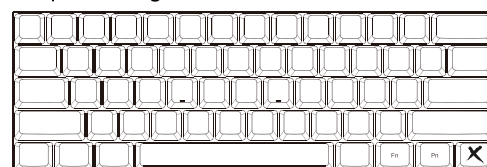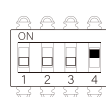
Colemak

Dvorak

Swap Fn to Capslock

Qwerty

Qwerty
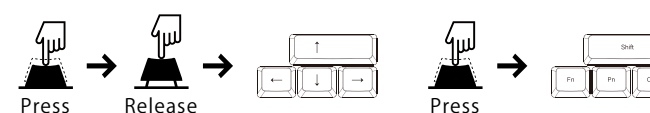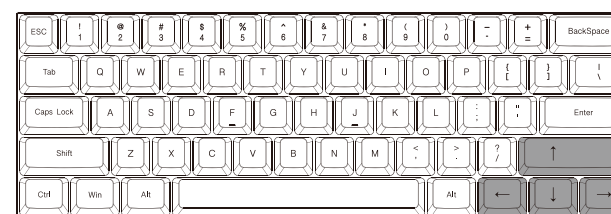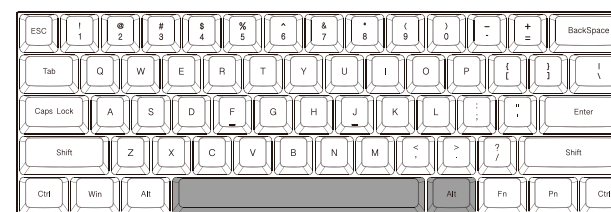

Swap Fn/Pn to any position, expect for right_Ctrl

Other functions description:

1.Independent arrow keys
Pressing the right Alt and the spacebar one time, it will change the right Shift, Fn, Pn and right Ctrl into arrow keys. Back to default function, please hit it again.
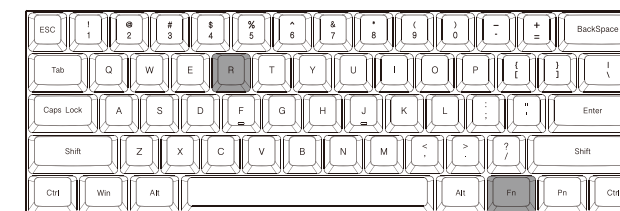* Please refer to the illustration below.

Press   →   Release   →   [↑ ← ↓ →]   →   Press   →   [Shift / Fn Pn Ctrl]

2.Return to factory default:

a.Clearing individual layers:

Please hold down Fn and R key at the same time until the LED 1 stops flashing.

b.Clearing all layers:

Please hold down two Alt keys at the same time until the LED 1 stops flashing.

Remarks:
If you have changed the Fn position and forgot where it was. You can still press the original Fn and R key to restore the current layer.