

# M0110

## 使用說明



技術支援  
vortexkeyboard.ts@gmail.com

顧客服務  
vortexkeyboard.cs@gmail.com

官方網站  
www.vortexgear.store



### 連接方式 2.4Ghz / 藍牙

- 2.4Ghz模式 (左)
- 有線模式 (中)
- 藍牙模式 (右)

#### 配對裝置 (長按3秒)



#### 切換已配對裝置



開啟藍牙開關，按著Fn+Alt\_L+1/2/3三秒後進入配對模式，LED\_A閃爍藍燈。開始配對(此時LED\_A閃爍藍燈，裝置名稱顯示“M0110”)，配對完成後LED\_A熄滅。

\*若切換2.4Ghz模式後無法自動連結，需重新配對2.4Ghz。按著Fn+Alt\_L+4三秒後進入配對模式，LED\_A閃爍綠燈，此時再接上USB Dongle，配對完成後LED\_A熄滅。

- 1、電源開關切換時，LED\_A指示燈閃爍一次，顯示當前連接模式(藍燈為藍牙，綠燈為2.4Ghz)。
- 2、藍牙/2.4Ghz開啟配對時，LED\_A指示燈以3Hz閃爍；若3分鐘未連接裝置，即停止配對。
- 3、LED\_A閃爍紅燈時為低電量(2.2V低電量警示)。
- 4、電源開關從OFF到ON時，會記憶OFF之前的無線裝置。
- 5、在2.4Ghz/藍牙模式下，如一分鐘未操作鍵盤，點亮的指示燈將自動熄滅。可按任意鍵喚醒鍵盤，30分鐘未操作鍵盤將進入休眠模式。

#### 電池規格：AA電池 / 電壓：1.5V \*2

(建議使用鹼性電池或碳鋅電池)

- 工作電流：9mA——鬆開按鍵5秒將進入待機模式
- 待機電流：5mA——待機5秒將進入休眠模式
- 休眠電流：0.7~1mA——待機30分鐘將進入睡眠模式
- 睡眠電流：0.7mA(藍牙將中斷連線)
- 額定輸入：5V=500mA

#### LED\_A 指示燈

(於Caps Lock鍵右側)



產品名稱：機械鍵盤  
產品型號：VTK-6000  
產品尺寸：  
L\*W\*H：33.0\*13.5\*3.5 cm ± 0.3

### Fn組合鍵

WINDOWS o.s

MAC o.s

- Esc = ` ~
- Shift\_L + Esc = ~ ~
- 1 ! = F1 螢幕亮度 -
- 2 @ = F2 螢幕亮度 +
- 3 # = F3 Mission Control
- 4 \$ = F4 Launchpad
- 5 % = F5 Siri
- 6 ^ = F6 螢幕截圖
- 7 & = F7 前一首
- 8 \* = F8 播放 / 暫停
- 9 ( = F9 下一首
- 0 ) = F10 靜音

- \_ = F11 音量 -
- = + = F12 音量 +
- “ ” = Delete Delete
- ; : = Insert Insert
- P = PrtSc PrtSc
- [ { = ScrLk ScrLk
- ] } = Pause Pause
- N = End End
- H = Home Home
- Z = App App
- Del = Insert Insert
- Backspace = Delete Delete

- ? / = Up Up
- Alt\_R = Left Left
- Code\_R = Down Down
- Ctrl\_R = Right Right
- U = Page Up Page Up
- O = Page Dn Page Dn

- Win\_L = Winlock
- LED\_A 亮青色燈(G+B)
- Alt\_L+M 長按2秒 = 系統切換 系統切換
- Mac O.S / Windows O.S LED\_A 亮一次白燈
- Alt\_L+Alt\_R 長按5秒 = 恢復出廠設置
- LED\_A 亮白燈五次

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### RGB燈光設置

(僅能在RGB版本及有線模式下使用)

若要切換燈效模式需開啟背光。

燈效切換：旋轉、呼吸、單點亮、漣漪、波浪、常亮、關閉  
顏色切換：白、綠、青、藍、紫、粉、橘、紅、黃



- 5 % = 燈效切換 (默認流光)
- 6 ^ = 顏色切換 (默認RGB)
- W = 提高背光亮度，五段調節
- S = 降低背光亮度，五段調節
- D = 提高背光速度，五段調節
- A = 降低背光速度，五段調節

公司名稱：沃特有限公司  
公司地址：台北市內湖區舊宗路二段181巷14號4樓

> NCC警語

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

# M0110

# Guide



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## Connection 2.4Ghz / Bluetooth

- 2.4Ghz Mode (Left)
- Wired Mode (Center)
- Bluetooth Mode (Right)

### Pairing Mode (Press for 3 seconds)



### Switch between paired devices



Switch to Bluetooth mode, Press Fn+Alt\_L+1 / 2 / 3 to enter pairing mode until LED\_A flashes blue light. When pairing, you will see the Bluetooth device shown as "M0110", click OK to connect. When connect successfully, the LED\_A will go out.

\* After switching to 2.4Ghz mode, if you found your keyboard failed to connect 2.4Ghz, you will need to repair it. Press Fn+Alt\_L+4 for 3 seconds, it will enter pairing mode, LED\_A will start flashing green light, then plug the USB dongle to your pairing device. After pairing successfully, the LED\_A will go out.

**Battery : AA / 1.5V \*2 (Alkaline or carbon zinc batteries)**  
Working Current : 9mA — Release the key for 5 seconds will enter into standby mode  
Standby Current : 5mA — Standby for 5 seconds will enter into hibernation mode  
Hibernation Current : 0.7 ~ 1mA — Hibernate for 30 minutes will enter into sleep mode  
Sleep Current : 0.7mA (Bluetooth will be disconnected)  
Rated Input Power : 5V ⇄ 500mA

- The power switch switches the device, the LED\_A indicator flashes once, indicating that the battery compartment is powered normally. (Blue for bluetooth, Green for 2.4Ghz)
- When the Bluetooth/2.4Ghz is turned on and paired, the LED\_A Blue/Green flashes at 3Hz; if it is not connected for 3 minutes, it will be stopped.
- Low power: 2.2V low power alert. (LED\_A Red, 1-second flashing indication)
- When the power switch is turned from OFF to ON, it will remember the wireless device before OFF.
- In 2.4Ghz/Bluetooth mode, if the keyboard is inoperative for 1 minute, the lighted indicator will be turned off automatically, press any key to light up. If the keyboard is not operated for 30 minutes, it will go into hibernate mode.

LED\_A Indicator  
(At Caps Lock position)



Product Name : Mechanical Keyboard  
Model Name : VTK-6000  
Product Size :  
L\*W\*H : 33.0\*13.5\*3.5 cm ± 0.3

## Fn Key Combos

WINDOWS o.s    MAC o.s

- |                |                              |                     |                      |                                       |
|----------------|------------------------------|---------------------|----------------------|---------------------------------------|
| Fn +           | Esc = ` ~                    | - _ = F11 Vol -     | ? / = Up Up          | Win_L = Winlock                       |
|                | Shift_L + Esc = ~ ~          | = + = F12 Vol +     | Alt_R = Left Left    | = Winlock                             |
|                | 1 ! = F1 Screen Brightness - | “ ” = Delete Delete | Code_R = Down Down   | LED_A Cyan(G+B)                       |
|                | 2 @ = F2 Screen Brightness + | ; : = Insert Insert | Ctrl_R = Right Right | Alt_L+M Hold on for 3s                |
|                | 3 # = F3 Mission Control     | P = PrtSc PrtSc     | U = Page Up Page Up  | = Switch O.S Switch O.S               |
|                | 4 \$ = F4 Launchpad          | [ [ = ScrLk ScrLk   | O = Page Dn Page Dn  | Mac O.S / Windows O.S                 |
|                | 5 % = F5 Siri                | ] ] = Pause Pause   |                      | LED_A flashes white color             |
|                | 6 ^ = F6 Screenshot          | N = End End         |                      | Alt_L+Alt_R Hold on for 5s            |
|                | 7 & = F7 Previous            | H = Home Home       |                      | = Keyboard restore to default         |
|                | 8 * = F8 Play / Pause        | Z = App App         |                      | LED_A flashes white color for 5 times |
| 9 ( = F9 Next  | Del = Insert Insert          |                     |                      |                                       |
| 0 ) = F10 Mute | Backspace = Delete Delete    |                     |                      |                                       |

## RGB Light Setting

( Only available in wired mode of RGB version )

If you want to switch the lighting mode, please turn on the backlight.

Lighting Mode : Spin / Breath / Single light / Ripple / Wave / Lighting steady / Off  
Single Color Mode : White / Green / Cyan / Blue / Purple / Pink / Orange / Red / Yellow

- Fn + Alt\_L +
- 5 % = Switch lighting mode
  - 6 ^ = Switch color
  - W = Brightness up, 5 levels
  - S = Brightness down, 5 levels
  - D = Speed up, 5 levels
  - A = Speed down, 5 levels

Company Name : Vortexgear Co., Ltd.  
Company Address : 4F., No. 14, Ln. 181, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, 114709, Taiwan

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