

Model M

使用說明

VORTEX

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

藍牙 / USB / 2.4Ghz

配對藍牙裝置 (長按3秒)



+

2	藍牙裝置 1	LED下指示燈閃紅燈
3	藍牙裝置 2	LED下指示燈閃綠燈
4	藍牙裝置 3	LED下指示燈閃藍燈

切換連接方式

1	2.4 Ghz	LED下指示燈閃黃燈
2	藍牙裝置 1	LED下指示燈閃紅燈
3	藍牙裝置 2	LED下指示燈閃綠燈
4	藍牙裝置 3	LED下指示燈閃藍燈
5	USB	

打開電源開關，按著Fn + 2 / 3 / 4 三秒後進入配對模式，設備端會顯示Model M#1/2/3，按下確認後即配對完成。過程中LED下指示燈(藍牙裝置1 紅燈/藍牙裝置2 綠燈/藍牙裝置3 藍燈)依序閃爍。

電池規格：AA電池 / 電壓：1.5V *2
(建議使用鹼性電池)

工作電流：9mA——鬆開按鍵5秒將進入待機模式
待機電流：3.5mA——待機5秒將進入休眠模式
休眠電流：3mA——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

Macro說明 (支援藍芽模式Macro)

1. Fn + R_Shift選擇編輯層(共三層) LED上指示燈分別顯示(第一層紅燈/第二層綠燈/第三層藍燈)。
2. Fn + Ins (絕對位置) 進入編輯，黃燈恆亮。
3. 選擇要編輯的鍵，該層指示燈閃爍。
4. 輸入內容，該層指示燈閃爍(每個按鍵編輯長度32鍵)。
5. Fn + Enter (絕對位置)確認，該層指示燈再次恆亮。
6. Fn + Ins (絕對位置)離開編輯，黃燈熄滅。

LED
指示燈 (上 / 下)
(於Caps Lock鍵右側)

上指示燈
切換layer
(第一層紅燈/第二層綠燈/第三層藍燈)

下指示燈
Caps Lock 紅燈
Scrol Lock 綠燈
macOS 紅燈



產品名稱：機械鍵盤
產品型號：VTK-8000
產品尺寸：
L*W*H：38.5*16.5*3.5 cm ± 0.3

Fn 切換

同時按住Capslock、L_Ctrl、R_Win進入Fn設定模式 (LED上指示燈閃白燈)。這時第一個按的鍵為Fn鍵。

(Ins / Enter / Shift 不能使用為Fn，並且Fn層無法進行Macro)

Fn組合鍵

Windows OS



+

- F1 = 螢幕亮度 -
- F2 = 螢幕亮度 +
- F4 = 搜尋
- F5 = 語音輸入
- F6 = 休眠
- F7 = 上一首
- F8 = 播放/暫停
- F9 = 下一首
- F10 = 靜音

- F11 = 音量 -
- F12 = 音量 +
- A = 切換為 macOS
- Print = 螢幕截圖
- ScrLk = 表情選單
- Pause = 切換語言
- Windows = Windows lock

R_Alt + R = 回復當層鍵值(絕對位置)
當前層的LED上指示燈亮

R_Alt + L_Alt = 按住5秒 重置為出廠預設值
LED上指示燈閃白燈

macOS

此標記處不須搭配Fn即可使用



+

- F1 = 螢幕亮度 -
- F2 = 螢幕亮度 +
- F3 = Mission Control
- F4 = Spotlight
- F5 = 聽寫/Siri
- F6 = 勿擾模式
- F7 = 倒轉
- F8 = 播放/暫停
- F9 = 快轉

- F10 = 靜音
- F11 = 音量 -
- F12 = 音量 +
- M = 切換為 Windows OS
- Print = 螢幕截圖 全螢幕截圖
- ScrLk = ScrLk 表情選單
- Pause = Pause 切換語言

R_Alt + R = 回復當層鍵值(絕對位置)
當前層的LED上指示燈亮

R_Alt + L_Alt = 按住5秒 重置為出廠預設值
LED上指示燈閃白燈

公司名稱：沃特斯有限公司
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，指依電信管理法規定作業之無線電通信。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。

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -- Reorient or relocate the receiving antenna. -- Increase the separation between the equipment and receiver. -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -- Consult the dealer or an experienced radio/TV technician for help. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

VORTEX KEYBOARD

Model M

Guide

VORTEX

TECHNICAL SUPPORT
vortexkeyboard.ts@gmail.com

CUSTOMER SERVICE
vortexkeyboard.cs@gmail.com

OFFICIAL WEBSITE
www.vortexgear.store



Connection

Bluetooth / USB / 2.4Ghz

Pairing Mode (Press for 3 seconds)

Fn +

- | | | |
|---|----------|-------------------------|
| 2 | Device 1 | LED flashes red light |
| 3 | Device 2 | LED flashes green light |
| 4 | Device 3 | LED flashes blue light |

Switch connection mode

- | | | |
|---|----------|--------------------------|
| 1 | 2.4 Ghz | LED flashes yellow light |
| 2 | Device 1 | LED flashes red light |
| 3 | Device 2 | LED flashes green light |
| 4 | Device 3 | LED flashes blue light |
| 5 | USB | |

Turn on the power switch, then press and hold Fn + 2 / 3 / 4 for three seconds to enter pairing mode. The device will display 'Model M#1/2/3' and once confirmed, the pairing is complete. During this process, the LED indicator lights (Bluetooth device 1: red light / Bluetooth device 2: green light / Bluetooth device 3: blue light) will flash sequentially.

Battery : AA / 1.5V *2 (Alkaline battery)
Working Current : 9mA — Release the key for 5 seconds will enter into standby mode
Standby Current : 3.5mA — Standby for 5 seconds will enter into hibernation mode
Hibernation Current : 3mA — Hibernate for 30 minutes will enter into sleep mode
Sleep Current : 0.7mA (Bluetooth will be disconnected)
Rated Input Power : 5V 500mA

Macro instructions (support Bluetooth mode macro)

1. Fn + R_Shift selects the editing layer (three layers in total). The LED indicator lights on top will respectively show (first layer: red light / second layer: green light / third layer: blue light).
2. Fn + Ins (Absolute position) enters editing mode with a steady yellow light.
3. Choose the key to edit, and the indicator light for that layer will start flashing.
4. Input the content, and the indicator light for that layer will flash (each key edit can hold up to 32 keys).
5. Fn + Enter (Absolute position) confirms the input, and the indicator light for that layer will remain steady again.
6. Fn + Ins (Absolute position) exits editing mode, and the yellow light turns off.

LED
Indicator light (Top / Bottom)
(to the right of the Caps Lock key)

Top Indicator light
Switch layer
(First layer red light / Second layer green light / Third layer blue light)

Bottom Indicator light
Caps Lock (red light)
Scrol Lock (green light)
macOS (blue light)



Product Name : Mechanical Keyboard
Model Name : VTK-8000
Product Size :
L*W*H : 38.5*16.5*3.5 cm ± 0.3

Fn switch

Press and hold Fn while simultaneously holding Caps Lock, L_Ctrl, and R_Win to enter the Fn setting mode (LED indicator lights on top will flash white). The first key pressed in this mode is the Fn key. (Ins / Enter / Shift cannot be used as Fn, and Fn layer cannot be used for macro)

Fn Key Combos

Windows OS

Fn +

- | | |
|--------------------------|-------------------------|
| F1 = Screen Brightness - | F11 = Vol - |
| F2 = Screen Brightness + | F12 = Vol + |
| F4 = Search | A = Switch to macOS |
| F5 = Voice input | Print = Screenshot |
| F6 = Sleep | ScrLk = Emoji menu |
| F7 = Previous | Pause = Switch language |
| F8 = Play/Pause | Windows = Windows lock |
| F9 = Next | |
| F10 = Mute | |

R_Alt + R = Restore current layer key values (absolute position)

The LED indicator light on the current layer is lit

R_Alt + L_Alt = Hold for 5 seconds to reset to factory default settings

The LED indicator light on top flashing white light

macOS

This function can be used without the need to press Fn

Fn +

- | | |
|--------------------------|-------------------------------|
| F1 = Screen Brightness - | F10 = Mute |
| F2 = Screen Brightness + | F11 = Vol - |
| F3 = Mission Control | F12 = Vol + |
| F4 = Spotlight | M = Switch to Windows OS |
| F5 = Dictation/Siri | Print = Screenshot |
| F6 = Do Not Disturb | Full screenshot |
| F7 = Rewind | ScrLk = ScrLk Emoji menu |
| F8 = Play/Pause | Pause = Pause Switch language |
| F9 = Fast-forward | |

R_Alt + R = Restore current layer key values (absolute position)

The LED indicator light on the current layer is lit

R_Alt + L_Alt = Hold for 5 seconds to reset to factory default settings

The LED indicator light on top flashing white light

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.