



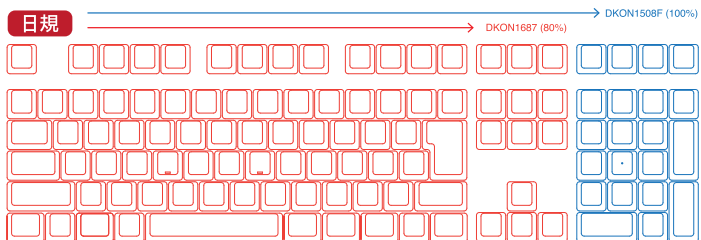
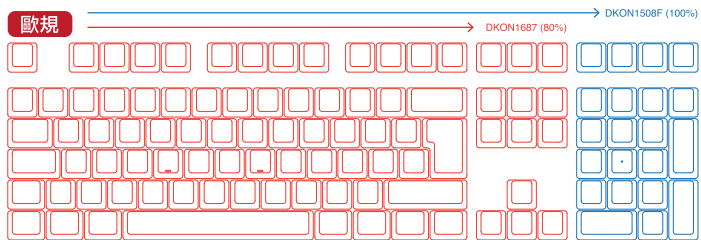
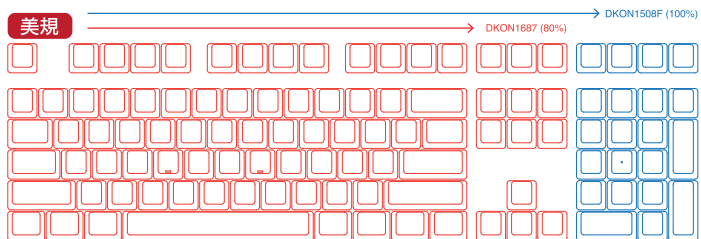
[www.duckychannel.com.tw](http://www.duckychannel.com.tw)

DKON1508F / DKON1687

User Manual

# Ducky One

- 型號：DKON1508F/ DKON1687
- 結構：機械式結構
- 軸：Cherry MX 機械軸
- 鍵帽材質：ABS或PBT
- 印字技術：二色成形、雷射或熱昇華
- 尺寸：440 x 133 x 41mm / 356.6 x 133 x 41mm
- 重量：1.3kg / 1.1kg
- 產地：台灣



## DIP開關功能

DIP1-DIP3決定Fn鍵位置(預設為OFF、OFF、OFF)：

DIP1	DIP2	DIP3	
ON	ON	ON	
OFF	ON	ON	
ON	OFF	ON	
OFF	OFF	ON	
ON	ON	OFF	
OFF	ON	OFF	
OFF	OFF	OFF	
ON	OFF	OFF	

	OFF (預設值)	ON
DIP 4	N-Key Rollover任意全鍵輸出	6-Key Rollover任意6鍵輸出

- 若將鍵盤接上特殊器材(如KVM)等裝置，建議切換成6-Key Rollover達到最高支援性。
- 當進行N-Key Rollover與6-Key Rollover模式切換時，請重新插拔並且需讓鍵盤完全斷電15秒才能順利切換。
- 只有在N-Key Rollover模式(預設模式)下才能更新韌體。

## 行動電源DEMO模式

適合插在行動電源或USB充電座提供燈光效果展示之用，不送出鍵盤訊號。

壓住按鍵左Ctrl + 左Shift + Caps Lock，再輸入電源。  
此模式下無法記憶，每次使用皆須重新插拔。

## 回復出廠設定

美規、歐規	左Windows鍵 + 右Windows鍵
日規	Fn + 左Windows鍵
● 壓住3秒後，全鍵盤會閃3下表示完成回復	

## Ducky One 特別功能：滑鼠功能控制

- 開啟/關閉功能：

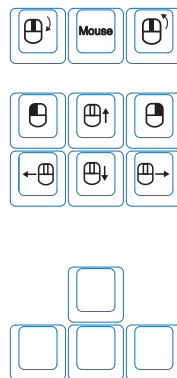
**DKON1687 → Fn + Scroll Lock**

**DKON1508F → Fn + Number Lock**

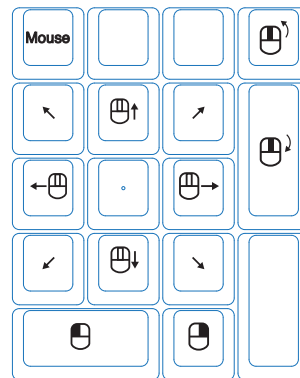
- 提示：最右邊的M指示燈亮起，代表開啟滑鼠功能

## 滑鼠功能圖示

### DKON1687



### DKON1508F



# Ducky Macro V2.0

特色說明：

- ✔ 1組原始鍵盤功能，2組玩家客製設定值（Profile）
- ✔ 可以設定（Macro）巨集之按鍵（2 layer）
  - 原始鍵盤上任一個按鍵（Default layer）
  - Fn層按鍵（Fn layer）
- ✔ 按鍵可以設定之功能
  - 多媒體功能鍵
  - 更換字元
  - 連續按鍵輸出
    - ◆ 時間記錄：
      - 呈現使用者按下的原始情況
      - 手動加入時間間隔
    - ◆ 巨集執行狀況：
      - 按一下執行一次
      - 按下持續執行到使用者按下第2次
      - 壓下按鍵時持續執行

## ✔ 無法設定Macro功能的按鍵：

- Fn
- Fn + ESC
- Fn + F1~F12
- Fn + Print Screen
- Fn + Scroll Lock
- Fn + Pause
- Fn + 0~9
- Fn + Ctrl
- Fn + Alt
- Fn + Windows
- Fn + ↑ ↓ ← →
- Fn + Space

## Ducky Macro 基本快捷鍵功能

### 切換設定檔 (Profile)

Fn +	1	=	切換至第1組設定	原始鍵盤功能（預設值）
	2		切換至第2組設定	可自定義按鍵Macro功能
	3		切換至第3組設定	

- 燈光效果：當切換完後，Caps Lock按鍵會閃爍該設定值數字的次數。
- 只有Profile 2-3 才可以進行Macro設定。

### 清除單一個設定檔的Macro設定

美規、歐規	任一Windows鍵 + 空白鍵 3秒
日規	左Windows鍵 + 空白鍵 3秒

- 此為清除當前設定檔模式下的所有Macro功能。

### 巨集執行狀況選項

Fn +	Q	=	按1下後執行1次巨集	預設
	W		按1次後持續執行巨集，直到按下第2次按鍵才停止	
	E		按住按鍵時持續執行巨集，直到放開按鍵才停止	

註：執行巨集過程中，若有壓下其他按鍵時則停止原始巨集之輸出。

## 巨集時間記錄選項

Fn +	1	=	0.02s
	2		0.1s
	3		0.2s
	4		0.4s
	5		0.8s
	6		1s

註：巨集預設輸入會以使用者打字的時間進行記錄儲存，但在設定時有加入過1次間隔時間，整串巨集將更改成客製時間間隔處理，沒有加入時間間隔將以預設0.02秒輸出。

## Macro 開啟/跳出錄製快捷鍵：按住 Fn + Ctrl 3秒

## 多媒體鍵功能設定

除了更換字元與巨集輸出外，Ducky針對每個按鍵再提供更多選項，包含了多媒體鍵與滑鼠功能等24種多媒體功能設定。設定時只要輸入下方表格的組合鍵即可設定完成。

Fn + Windows鍵 + 下方按鍵			
A	音量靜音	M	搜尋
B	音量變大	N	上一頁
C	音量變小	O	下一頁
D	播放 / 暫停	P	滑鼠左鍵
E	停止	Q	滑鼠右鍵
F	下一首	R	滑鼠中鍵
G	上一首	S	滑鼠遊標向上
H	計算機	T	滑鼠遊標向下
I	我的電腦	U	滑鼠遊標向左
J	瀏覽器首頁	V	滑鼠遊標向右
K	郵件	W	滑鼠滾輪向上捲動
L	多媒體程式	X	滑鼠滾輪向下捲動

註：此為Ducky Macro V2.0新增功能。



註：由於英文字母在不同語言配置略有差異，此設定以美規配置為主，詳細請參考圖示。

## Windows常見功能快捷鍵

除了Ducky提供的多媒體功能設定外，PC操作快捷功能鍵可以透過Windows組合鍵的方式來完成，在此僅提供一些常用的快捷功能鍵提供參考，若想要詳細內容可以參考Microsoft網站的資訊：

<http://windows.microsoft.com/en-us/windows/keyboard-shortcuts>

Windows常見功能快捷鍵			
Ctrl + C	複製選取的項目	Windows鍵 + D	顯示桌面
Ctrl + X	剪下選取的項目	Windows鍵 + M	將所有視窗最小化
Ctrl + V	貼上選取的項目	Windows鍵 + L	鎖定電腦或切換使用者
Ctrl + Z	復原動作	Windows鍵 + R	開啟 [執行] 對話方塊
Ctrl + Y	重做動作	Windows鍵 + F	搜尋檔案或資料夾
Ctrl + N	建立新文件	Windows鍵 + ↑	最大化視窗
Ctrl + O	開啟現有的文件	Windows鍵 + ↓	最小化視窗
Ctrl + S	儲存文件的變更	Windows鍵 + ←	將視窗最大化到螢幕左側
Ctrl + P	列印文件	Windows鍵 + →	將視窗最大化到螢幕右側
Alt + F4	關閉使用的程式	Windows鍵 + Home	最小化使用中視窗之外的所有視窗

## Ducky Macro 使用範例

注意事項：請先將設定檔設定成Profile 2、Profile 3 才可以進行Macro設定。

情境A：想要將Z設定成Q輸出

操作方式：按住Fn + Ctrl 3秒鐘 → 按下Z → 按下Q → Fn + Ctrl

情境B：想要按下Fn + A後連續輸出文字「Ducky」直到使用者放開按鍵才停止動作

操作方式：按住Fn + Ctrl 3秒鐘 → 按下Fn + A → 輸入文字Ducky  
→ Fn + E → Fn + Ctrl

情境C：想要將Q設定輸出文字「key」，但希望每個字母輸出的時間間隔約0.2秒

操作方式：按住Fn + Ctrl 3秒鐘 → 按下Q → 輸入k → Fn + 3 → 輸入 e  
→ Fn + 3 → 輸入 y → Fn + Ctrl

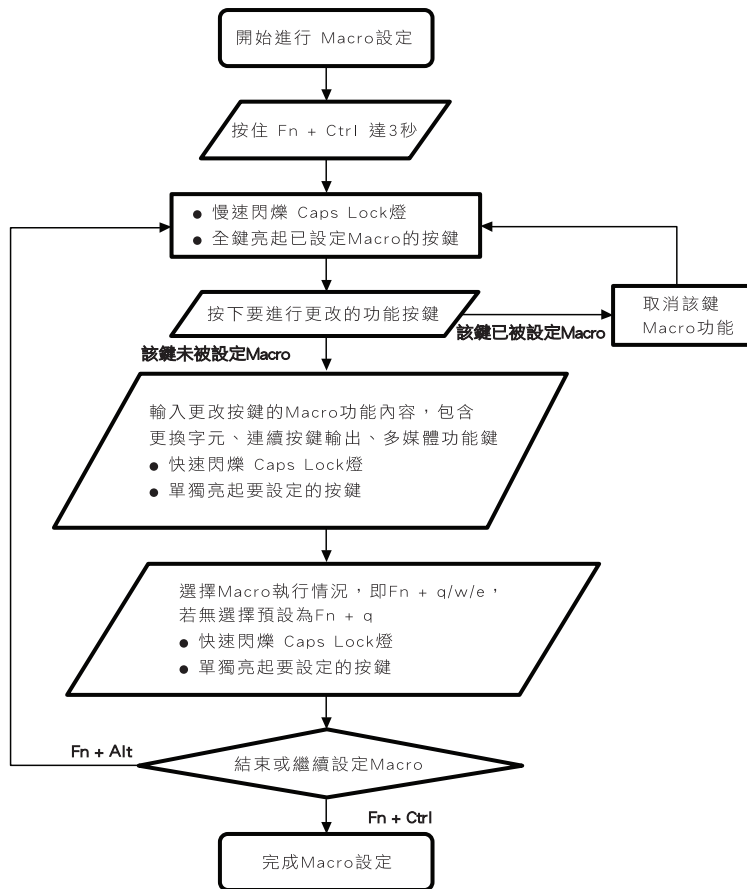
情境D：想要將M設定成音量靜音功能

操作方式：按住Fn + Ctrl 3秒鐘 → 按下M → 按住Fn + Windows鍵 + A  
→ Fn + Ctrl

情境E：在Windows系統下，想要按下F1就能顯示桌面

操作方式：按住Fn + Ctrl 3秒鐘 → 按下F1 → 按住Windows鍵 + D  
→ Fn + Ctrl

## Ducky Macro ( 巨集 ) 設定邏輯圖

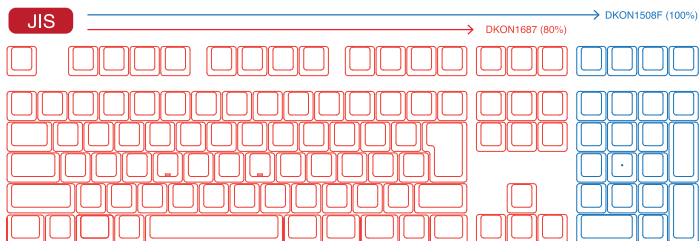
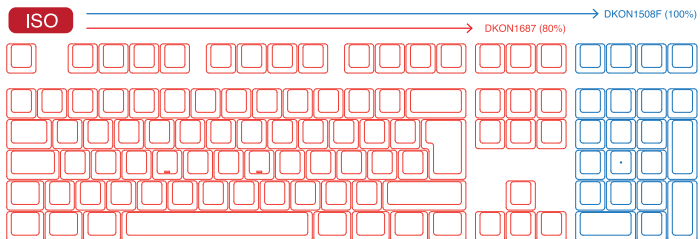
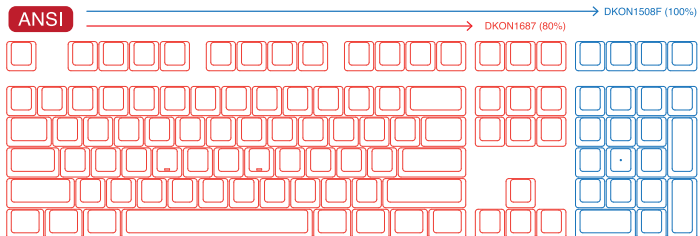




# Ducky One

- Model Name : DKON1508F / DKON1687
- Type : Mechanical Keyboard
- Switch : Cherry MX mechanical switches
- Keycap Material : ABS or PBT

- Legend printing : Double shot, Laser engraving or Dye-Sublimation
- Dimensions : 440 x 133 x 41 mm / 356,6 x 133 x 41 mm
- Weight : 1.3kg / 1.1kg
- Origin of Production : Taiwan



## DIP Switch Functions

DIP1-DIP3 to decide Where FN locate (Default is OFF \ OFF \ OFF) :

DIP1	DIP2	DIP3	Diagram
ON	ON	ON	
OFF	ON	ON	
ON	OFF	ON	
OFF	OFF	ON	
ON	ON	OFF	
OFF	ON	OFF	
OFF	OFF	OFF	
ON	OFF	OFF	

	OFF ( Default )	ON
DIP 4	N-Key Rollover mode	6-Key Rollover mode

- For compatibility with KVM or operating systems that does not support N-Key Rollover (NKRO), it is recommended to switch to 6-Key Rollover (6KRO) mode.
- Keep the keyboard unplugged for 15 seconds after switching between NKRO and 6KRO mode before plugging the keyboard into the USB port.
- Ducky One cannot be upgraded under 6KRO. Please keep the keyboard in NKRO mode (default) to upgrade the firmware.



## DEMO Mode

This mode will not send any keycodes and will not function as a keyboard. Please unplug and plug the keyboard to restart the keyboard in normal keyboard mode.

Hold Left Ctrl + Left Shift + Caps Lock then plug the keyboard into power source.

## Reset to Factory Defaults

US ANSI & EU ISO Layout	Left Windows key + Right Windows key
JP JIS Layout	Fn + Left Windows key
<ul style="list-style-type: none"><li>Hold for 3 seconds. The keyboard's backlighting will flash 3 times to indicate the keyboard have been reset.</li></ul>	

## Ducky One Special function : Mouse function

- ON/OFF :

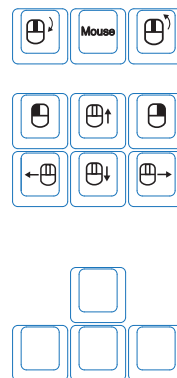
DKON1687 → Fn + Scroll Lock

DKON1508F → Fn + Number Lock

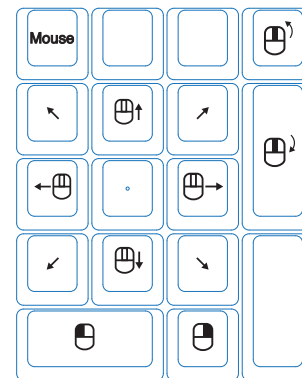
- Tips : Mouse function active while the "M" indicator light up on the right side.

## Mouse function diagram

### DKON1687



### DKON1508F



# Ducky Macro V2.0

## Features :

### ✔ 1 Default keyboard function, 2 custom sets for customize setting ( Profile )

### ✔ Set of keys ( 2 layers )

- Default layer
- Fn layer

### ✔ Keys can be set

- Multimedia function
- Keycode change
- Macro output
  - ◆ Time record :
    - Show the original status when user PRESS it
    - Add time interval manually
  - ◆ Implementation :
    - When the key PRESS, start to run Macro
    - PRESS to Insert Macro repeatedly until PRESS again to stop
    - Repeat to insert Macro while PRESS the key

### ✔ Unable to set Macro function :

- Fn
- Fn + ESC
- Fn + F1~F12
- Fn + Print Screen
- Fn + Scroll Lock
- Fn + Pause
- Fn + 0~9
- Fn + Ctrl
- Fn + Alt
- Fn + Windows
- Fn + ↑ ↓ ← →
- Fn + Space

# Ducky Macro hotkeys function

## Switch profiles

Fn +	1	=	Switch to profile 1	Default Key function
	2		Switch to profile 2	Customize Macro Key Features
	3		Switch to profile 3	

- Lighting effects: After the configuration, the Caps Lock key will start flashing the value number that you configured.
- Only Profile 2 ~ 3 can be set for Macro.

## Reset Macro setting for single profile

US ANSI & EU ISO Layout	HOLD Any Windows key + Spacebar for 3 second
JP JIS Layout	HOLD Left Windows key + Spacebar for 3 second

- This is to reset the current Macro function profile.

## Macro implementation option

Fn +	Q	=	When the key PRESS, start to run Macro	Default
	W		PRESS to Insert Macro repeatedly until PRESS again to stop	
	E		Repeat to insert Macro while PRESS the key	

Note: Be aware, Macro function is stopped if any other key is pressed.

## Macro Record Option

Fn +	1	=	0.02s
	2		0.1s
	3		0.2s
	4		0.4s
	5		0.8s
	6		1s

Note: Default Marco function will be based on the user's typing speed and record it, while setting the time interval, the Marco function will change to the customized time interval set by the user if it does not have any customized time input by the user, it will use 0.02 second as the time interval by default.

**Macro Open / Shortcut keys recording: Hold Fn + Ctrl for 3 sec**

## Multimedia function keys

In addition to replacing the character with the macro output outside, Ducky offer more options for each button, including multimedia and mouse function keys that up to 24 different kinds of multimedia features.

Enter the button below to set key combination to activate the function.

Fn + Windows key + Keys below			
A	Mute	M	Search
B	Volume up	N	Previous page
C	Volume down	O	Next page
D	Play / Pause	P	Mouse Left Click
E	Stop	Q	Mouse Right Click
F	Next playlist	R	Mouse Middle Click
G	Previous playlist	S	Mouse Cursor Up
H	Calculator	T	Mouse Cursor Down
I	My Computer	U	Mouse Cursor Left
J	Browser	V	Mouse Cursor Right
K	Mail	W	Mouse Scroll Up
L	Multimedia	X	Mouse Scroll Down

Note: This is Ducky Macro V2.0 new features.



Note: Due to different languages would have slightly different configuration for layout, this is set to based on US layout for configure.

## Windows common function keys

Hotkeys can be used in conjunction with combination of windows keys to complete a task. This is a reference to the most used hotkeys only, please refer to Microsoft website for more detail:

<http://windows.microsoft.com/en-us/windows/keyboard-shortcuts>

Windows common function keys			
Ctrl + C	Copy select item	Windows + D	Desktop
Ctrl + X	Cut select item	Windows + M	Minimized all windows
Ctrl + V	Paste select item	Windows + L	Lock computer or change user
Ctrl + Z	Undo	Windows + R	Open [ RUN ] window
Ctrl + Y	Redo	Windows + F	Search files or folders
Ctrl + N	Open new file	Windows + ↑	Maximized all windows
Ctrl + O	Open current file	Windows + ↓	Minimized windows
Ctrl + S	Save file change	Windows + ←	Maximized window to the left side
Ctrl + P	Print file	Windows + →	Maximized window to the right side
Alt + F4	Quit the software	Windows + Home	Minimised all Windows other than the one used

## Ducky Macro working example

Note: Set the Profile from Profile 2~3 before set Macro.

Condition A : Configure the key "Z" to "Q" output

Steps : Hold Fn + Ctrl for 3 sec → Press Z → Press Q → Press Fn + Ctrl

Condition B : Press Fn + A to Insert 「Ducky」 repeatedly until released the key to stop

Steps : Hold Fn + Ctrl for 3 sec → Press Fn + A → Insert Ducky → Press Fn + E  
→ Press Fn + Ctrl

Condition C : Configure the key "Q" to output word 「key」 while giving a time interval of 0.2 sec

Steps : Hold Fn + Ctrl 3 sec → Press Q → Insert K → Press Fn + 3 → Insert E  
→ Press Fn + 3 → Insert Y → Press Fn + Ctrl

Condition D : Press F5 to mute the volume, under Windows system

Steps : Hold Fn + Ctrl 3 sec → Press F5 → Press Fn + Windows key + A  
→ Press Fn + Ctrl

Condition E : Press F1 to show Desktop, under Windows system

Steps : Hold Fn + Ctrl 3 sec → Press F1 → Hold Windows key + D → Press Fn + Ctrl

## Ducky Macro Implication Diagram

