



ONE ||| **SF**
User Manual

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Ducky x DOOM One3 SF



Specification :

- Type : Mechanical keyboard
- LED : RGB color LED
- Keycap material : PBT
- Printing method : Dye-Sublimation
- Origin of Production : Taiwan
- Size : 335 x 110 x 40 mm
- Weight : 700g

Features :

- Hot-swappable Kailh sockets
- Various RGB LED lighting modes
- True USB Type-C interface, compatible with all Type-C devices
- Provides mouse functions for a convenient experience
- Miniature yet packed with features
- Supports Ducky Macro through hardware, personalize functions as you like



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Keyboard configuration diagram, US layout used as example



Standard Layer





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Keyboard configuration diagram, US layout used as example



Fn Layer





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Keyboard configuration diagram, US layout used as example



Fn + Alt Layer





RGB Backlit Modes



Fn + Alt + T	First mode: Wave mode (Default)	⚙️ Seventh mode: Halo mode
	Second mode: Color Cycle mode	⚙️ Eighth mode: Breathe mode
	Third mode: Rain Drop mode	⚙️ Ninth mode: 100% Full Backlit mode
	Fourth mode: Ripple mode	⚙️ Tenth mode: Radar mode
	Fifth mode: Rainbow Reactive mode	⚙️ Eleventh mode: Laser mode
	⚙️ Sixth mode: Reactive mode	Twelfth mode: Backlit OFF

- All above modes can be adjusted with the following key sequence:
 - ◆ Fn + Alt + / : Decrease speed
 - ◆ Fn + Alt + , : Increase speed
- Hold Fn + Alt + T for 3 seconds to turn off all backlit (including CM1 and CM2).
- Only the backlit modes with ⚙️ can be adjusted using the following:
 - ◆ Fn + Alt + Z : Adjust color red (R) brightness. 10 Levels.
 - ◆ Fn + Alt + X : Adjust color green (G) brightness. 10 Levels.
 - ◆ Fn + Alt + C : Adjust color blue (B) brightness. 10 Levels.
 - ◆ Fn + Alt + V : Erase red, green and blue color setting.
 - ◆ Fn + Alt + Spacebar (Color palette) : Activate color palette to display various colors on each key, press on the desired color, all the keys will automatically change to match.



RGB LED Zone Customization Modes



Fn + Alt + G	CM1 cycle: First step: Turn on user's customized zone and color. Second step: Turn on user's customized zone and color in breathe mode. Third step: Turn off CM1.
Fn + Alt + B	CM2 cycle: First step: Turn on user's customized zone and color. Second step: Turn on user's customized zone and color in breathe mode. Third step: Turn off CM2.
Fn + Alt + Caps Lock (REC)	Press for 3 seconds until the G (CM1) and B (CM2) keys light up, choose the layer for setting, press it again and start recording.
Caps Lock + Z	Adjust color red (R) , 10 levels.
Caps Lock + X	Adjust color green (G), 10 levels.
Caps Lock + C	Adjust color blue (B), 10 levels.
Caps Lock + V	Erase all LED light
Caps Lock + Spacebar	Color palette
Caps Lock + Left Shift	REC over, finish recording



RGB LED Zone Customization Modes



Recording steps:

- Adjust to the color first, then set the individual keys to be set to that color.

1. Press Fn + Alt + Caps Lock for 3 seconds, the buttons G (CM1) and B (CM2) will illuminate then press G to set CM1 and press B to set CM2.
2. When starting recording mode, Caps Lock will display the current LED color. The color can be adjusted by hitting Caps Lock + Z / X / C / V. After setting the desired color, hitting any key on the keyboard will set that key to the selected color.
3. Repeating the above steps allows the user to set different colors to different keys. If the key has been set, press again to cancel the setting.
4. To finish recording, press Caps Lock + Left Shift (REC over) to finish recording. The color of the Caps Lock key is the value you set.

Note:

- When starting recording mode, Caps Lock will display the current LED Color.
- CM1 ~ CM2 can work with other LED light modes at the same time. CM1 and CM2 can be turned on along with other lighting modes. In addition, CM1 has the priority over CM2 when the zone overlaps. Press Fn + Alt + T for 3 seconds to turn off ALL backlit modes.
- If there is no activity in 30 seconds in the recording mode, the recording session will terminate without saving.
- Caps Lock LED color follows the "100% Full Backlit mode".



Multimedia Function



Fn + Alt + W	Mouse cursor up	Fn + Alt + Q	Left mouse button
Fn + Alt + A	Mouse cursor left	Fn + Alt + E	Right mouse button
Fn + Alt + S	Mouse cursor down	Fn + Alt + R	Roller up
Fn + Alt + D	Mouse cursor right	Fn + Alt + F	Roller down



Debounce Time Setting



5ms	Fn + Alt + Y	Hold the combine keys for 3 sec, the keyboard will flash 3 times to indicate the debounce time has been switched successfully.
10ms (Default)	Fn + Alt + U	
15ms	Fn + Alt + I	
25ms	Fn + Alt + O	

Note:

The method is to adjust the debounce time of the metal shrapnel in the mechanical shaft during the pressing process. The shorter the time, the sooner it can be triggered, but if the time is too short may cause misjudgement. If it's not necessary to change the time, the default value is recommended.



Display Mode



Hold Fn + R_Alt + R_Ctrl for 3 sec

To display various LED backlit modes

- The entire keyboard will be disabled while cycling through various RGB modes.
- Unplug the keyboard to quit Display Mode.

Note: Used for showcasing purposes.





Reset To Factory Defaults



US ANSI and EU ISO layout	Left Windows key + ↓ key
JP JIS layout	Fn+ Left Windows key

Note:

Hold for 3 seconds. The keyboard's backlight will flash 3 times to indicate the keyboard has been reset.



Enable / Disable Windows Function (Windows Key Lock)



Fn + any Alt key + Left Windows key for 3 seconds, the keyboard's backlit will flash 3 times to indicate the keyboard has been enabled / disabled.



Key Switch Functions



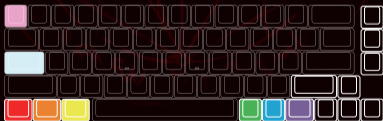
Key Switch Function

1. Applicable keys: Fn/Alt/Ctrl/Windows/Caps lock

2. Operation:

- Press Fn + Alt + k for 5 seconds.
- Until the ESC, L_Ctrl, L_Win, L_Alt, R_Alt, Fn, R_Ctrl, and Caps lock keys are all lighting up. The colorways are respectively pink, red, orange, yellow, green, blue, and purple.
- Except for Caps lock key, the rest of 6 keys are able to switch each function and color at will. (2 keys max at the same time)
- Pressing Caps lock once will change it to FN.
- Pressing Caps lock twice will change it to L-Ctrl.
- Press Esc key once to finish the switching function.
- Press Capslock again to resume Capslock.

Note: You can press Esc key to leave the switching function before starting it.





DIP Switch Functions



DIP switch functions

DIP1	OFF (Default)	ON
	Disable F Row Toggle (FN+ \backslash)	Enable F Row Toggle (FN+ \backslash)
DIP2	OFF (Default)	ON
	N-Key Rollover mode	6-Key Rollover mode
DIP3	OFF (Default)	ON
	Ducky Vender ID (VID)	Vender ID definable
DIP4	OFF (Default)	ON
	—	—

Note :

You can input the ideal VID in both situation, butthe VID can be only changed when DIP 3 turned on.



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Step 1. Profile selections

Fn + Alt +	1	=	Switch to profile 1	Factory settings (Default)
	2		Switch to profile 2	
	3		Switch to profile 3	
	4		Switch to profile 4	Customize Macro key features
	5		Switch to profile 5	
	6		Switch to profile 6	

Note:

- When keyboard is plugged in, Caps Lock and Number Keys will blink based on selected profile number.
- Adjust profile to 2~6 in order to set Macro.
- After profile is switched, Caps Lock or Indicator light will blink based on the current profile number.

Step2. To start Macro recording

Press Fn + Alt + Tab for 3 seconds to start Macro recording. Once in recording mode the Caps Lock or indicator lights will flash slowly.

Step3. Press a key to start recording Macro

Press on the key you want to use to activate Macro. The key pressed will blink (Non-backlit version will not) and the Caps Lock or indicator lights will flash swiftly.

Step4. Recording Macro

Enter any key, and choose the Macro implementation and record time option.

Step5. To continue recording another key (Jump out the current recording file)

Press Fn + Alt to choose another key to continue recording.

Step6. Finish recording

Press Fn + Alt + Tab for 1 second to finish recording and back to the profile.



Ducky x DOOM One3 SF Macro

Hotkeys Function



Fn + Alt +	Tab	Start recording : Press for 3 seconds. Finish recording: Press for 1 second.
	ESC	Caps Lock will blink in the amount of selected profile number.
	Backspace	Delete current profile value.

Fn + Alt

Press for 1 sec to finish recording the current key and choose another key to record.



Ducky x DOOM One3 SF Macro

Setting Section



Ducky SF Macro Configurable Keyboard Layer

- Standard Layer
- Fn Layer
- Fn + Ctrl Layer

Ducky SF Macro Unsettable Key

- Fn
- Caps Lock



Note:

- Support N keys recorded at the same time, and N keys recorded at the same time when outputting.
- Macro function will be based on the user's typing speed and record it.



Ducky x DOOM One3 SF Macro

Multimedia Function Keys



Fn + Windows key + Keys below

A	Mute	G	Previous playlist	M	Search	S	Mouse cursor up
B	Volume up	H	Calculator	N	Previous page	T	Mouse cursor down
C	Volume down	I	My computer	O	Next page	U	Mouse cursor left
D	Play / Pause	J	Browser	P	Mouse left click	V	Mouse cursor right
E	Stop	K	Mail	Q	Mouse right click	W	Mouse scroll up
F	Next playlist	L	Multimedia	R	Mouse middle click	X	Mouse scroll down

Note: Need to be recorded first before use.



Ducky x DOOM One3 SF Macro

Keyboard Button Function Keys



Fn + Shift+ Keys below			
A	Prompt profile value	N	Backlit mode : Wave mode (Default)
B	Profile 1	O	Backlit mode : Color Cycle mode
C	Profile 2	P	Backlit mode : Rain Drop mode
D	Profile 3	Q	Backlit mode : Ripple mode
E	Profile 4	R	Backlit mode : Random Reactive mode
F	Profile 5	S	Backlit mode : Reactive mode
G	Profile 6	T	Backlit mode : 100% Full backlit mode
H	Backlit modes switching	U	Backlit mode : Breathe mode
I	Adjust color red	V	Backlit mode : Radar mode
J	Adjust color green	W	Backlit mode : Backlit OFF
K	Adjust color blue	X	The key ". " on number pad (Num_)
L	Erase all value	Y	Number Lock
M	Color palette		

Note: Need to be recorded first before use.



Ducky x DOOM One3 SF Macro

Windows Common Function Keys



Ctrl + C	Copy select item	Windows + D	Desktop
Ctrl + X	Cut select item	Windows + M	Minimize 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 + ↑	Maximize all windows
Ctrl + O	Open current file	Windows+ ↓	Minimize windows
Ctrl + S	Save file change	Windows + ←	Maximize window to the left side
Ctrl + P	Print file	Windows + →	Maximize window to the right side
Alt + F4	Quit the software	Windows + Home	Minimize all windows other than the one used

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



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Set Up Example

Note: Set the profile to profile 2~6 before setting Macro.

Example A Configure the key "Z" to "Q" output.

Operation method :

Press Fn + Alt + Tab for 3 seconds → Press Z → Press down Q → Press Fn + Alt → Press Fn + Alt + Tab for 1 second

Example B To set Z as show "desktop" (under Windows system)

Operation method :

Press Fn + Alt + Tab for 3 seconds → Press Z → Press Windows key + D → Press Fn + Alt → Press Fn + Alt + Tab for 1 second

Example C To set Fn + Ctrl + M as "mute volume"

Operation method :

Press Fn + Alt + Tab for 3 seconds → Press Fn + Ctrl + M → Press Fn + Windows key + A → Press Fn + Alt → Press Fn + Alt + Tab for 1 second

Example D To set Fn + Ctrl + Q as "Reactive mode"

Operation method :

Press Fn + Alt + Tab for 3 seconds → Press Fn + Ctrl + Q → Press Fn + Shift + S → Press Fn + Alt → Press Fn + Alt + Tab for 1 second



Hot-swap

Set-up Example

Use key puller to pull out the key caps



Use switch puller to pull out the switches



Align switch pins with the holes



Gently push the switch in





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DISCLAIMERS



- When swapping out switches, please make sure to secure the keyboard in place and then pull the switch out.
- Please ensure the correct pin direction and avoid applying excessive force to prevent damaging the PCB and switch during inserting switches.
- Products that have been exposed to liquid damage will not be under warranty coverage.
- Products that have been subjected to any modifications will not be under warranty coverage.

Warranty is 1 year from date of purchase via our Official Vendors <https://www.duckychannel.com.tw/en/location/global>
Please contact the vendor you purchased from for RMA procedures.



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