



VAULT-TEC™



ONE |||

User Manual



V20231017

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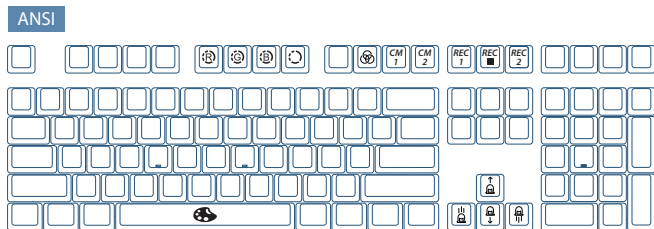
Ducky x Fallout One3

Model: DKON2108ST

Full size

- Size: 450 x 140 x 40 mm
- Weight: 1250g

For more information on the specs and details of our keyboards, please contact the distributor for your region.



RGB LED Backlit Modes



Fn+F10	
First Mode: 100% Full Backlit Mode	⚙️ Seventh Mode: Reactive Mode
Second Mode: Wave mode (Default)	⚙️ Eighth Mode: Halo Mode
Third Mode: Color Cycle Mode	⚙️ Ninth Mode: Breathe Mode
Fourth Mode: Rain Drop Mode	⚙️ Tenth Mode: Radar Mode
Fifth Mode: Ripple Mode	⚙️ Eleventh Mode: Laser Mode
Sixth Mode: Rainbow Reactive Mode	Twelfth Mode: Backlit OFF

- All above modes can be adjusted with the following key sequence:
 - ◆ Fn + ←: Decrease speed
 - ◆ Fn + →: Increase speed
- Hold Fn + F10 for 3 seconds to turn off all backlit (including CM1 and CM2).
- Only the backlit modes with ⚙️ can be adjusted using the following:
 - ◆ Fn + F5: Adjust Color Red (R) brightness. 10 Levels.
 - ◆ Fn + F6: Adjust Color Green (G) brightness. 10 Levels.
 - ◆ Fn + F7: Adjust Color Blue (B) brightness. 10 Levels.
 - ◆ Fn + F8: Erase Red, Green and Blue color setting.
 - ◆ Fn + Spacebar (Color Palette): Activate Color Palette to display various different colors, press on the desired color, all the keys will automatically change to match.

RGB LED Zone Customization Modes



Fn + F11	CM1 Cycle: First Step: Turn on user's customized zone and color. Second Step: Turn off CM1.
Fn + F12	CM2 Cycle: First Step: Turn on user's customized zone and color. Second Step: Turn off CM2.
Fn + PrtSc	REC1, recording CM1
Fn + Pause	REC2, recording CM2
CapsLock + F5 / F6 / F7	To set up Red / Green / Blue LED Color
CapsLock + F8	Erase Caps Lock light
Caps Lock + Spacebar	Color Palette
CapsLock + ScrLk	REC Over

RGB LED Zone Customization Modes



Recording steps

- Important: Adjust to the color first, then set the individual keys to be set to that color.
- 1. Press Fn + PrtSc to record CM1, and Press Fn + Pause to record CM2.
- 2. When start recording mode, Caps Lock will display the current LED color. The color can be adjusted by hitting Caps Lock + Spacebar. 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 REC Over (Caps Lock + ScrLk) function 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 last color used.
- CM1 has priority over CM2.
- Entering the recording mode will display the previously saved setting.
- If no changes are made within 30 seconds in the recording mode, the recording session will terminate without saving.

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.

Indicator light brightness adjustment

Increase brightness

Fn + Alt + ↑

Decrease brightness

Fn + Alt + ↓

Reset Back to Factory Defaults

US ANSI and EU ISO layout

Left Windows key + Right Windows key

Note:

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

Open / Close Windows Function (Windows Key Lock)

While DIP 1 is ON, press and hold Fn + any Alt keys + any Windows key for 3 seconds, the keyboard's backlit will flash 3 times to indicate the keyboard that have been turned ON / OFF(The default setting is ON).

Mouse Function

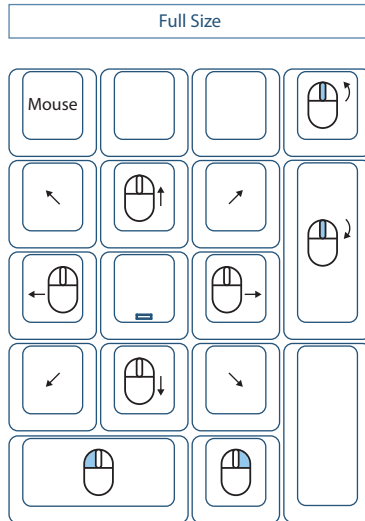
ON/ OFF (default setting):

Full Size →
Fn + Alt + Number Lock

Note:

The corner right indicator
“M” key will light up upon
activation.

Mouse function diagram



DIP Switch Functions

DIP Switches are on the underside of your keyboard.
DIP Switches are defaulted as OFF when you receive the keyboard.

DIP1	OFF (Default)	ON
	Disable Windows key Lock Function	Enable Windows key Lock Function
DIP2	OFF (Default)	ON
	NKRO Mode	6 Key Rollover - Useful for Mac and Linux devices
DIP3	OFF (Default)	ON
	Ducky Vendor ID (VID)	User defined VID
DIP4	OFF (Default)	ON
	Right Windows key is default	Right Windows key changes to the Menu key

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

Key Switch Functions

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, R_Win, Fn, R_Ctrl, and Caps Lock keys are all lighting up. The colorways are respectively pink, red, orange, yellow, green, blue, indigo, purple and white.
 - Except for Esc & Caps Lock key, the rest of 7 keys are able to switch each function and color at will. (2 keys max at the same time)
 - Press Caps Lock once will change its own function to Fn (turns into indigo LED color) then L_Ctrl key (turns into red LED color) in order.
 - Press Caps Lock again to resume Caps Lock (it will be illuminated White for Caps Lock).
 - Press Esc key once to save and exit.



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

Ducky Macro V2.1



Step1. Profile Selections

Fn+	1	=	Switch to profile 1	Factory settings (Default)
	2		Switch to profile 2	Customize Macro Key Features
	3		Switch to profile 3	
	4		Switch to profile 4	
	5		Switch to profile 5	
	6		Switch to profile 6	

Note:

Once the profile is selected then the Caps Lock or indicator lights will blink in the amount of selected profile number.

Step2. To enter Macro recording

Press and hold Fn + Alt + Tab for 3 seconds to enter 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.

Step5. To exit or continuing recording

Press and hold Fn + Alt + Tab for 1 seconds to exit recording or press Fn + Alt to continue.

Ducky Macro V2.1 Setting Section



Unable to set Macro function

Fn
Fn + ESC
Fn + F1~F12
Fn + PrtSc
Fn + ScrLk
Fn + Pause
Fn + 0~9
Fn + Ctrl
Fn + Alt
Fn + Windows
Fn + ↑ ↓ ← →
Fn + Space

Keys can be set to Macro (US ANSI keyboard as example)

Default Layer



- White keys can be set to Macro, grey keys cannot be set to Macro.

Fn Layer



- White keys can be set to Macro, grey keys cannot be set to Macro.

Ducky Macro V2.1

Multimedia

Function Keys

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
Reset Macro setting for single profile			

Note :

Need to be recorded first before use.

US ANSI and EU ISO layout	Hold any Windows key + Spacebar for 3 seconds.
JP JIS layout	Hold Windows key + Spacebar for 3 seconds.

Ducky Macro V2.1

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	Minimized all windows other than the one used

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

Ducky Macro V2.1 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:

1. Need to be recorded first before use.

Ducky Macro V2.1 Set Up Example

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

Note:

Set the Profile from
Profile 2~6 before
setting Macro.

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



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 v<https://www.duckychannel.com.tw/en/location/global>
Please contact the vendor you purchased from for RMA procedures.



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