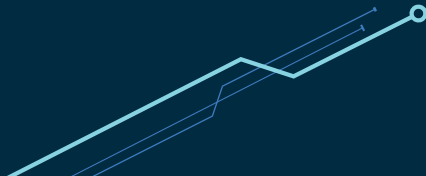
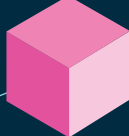




ONE Series

User Manual





ONE



One Single color LED version



One Non-backlit version

ONE 2



One 2 Single color LED version



One 2 Non-backlit version



One 2 RGB LED version

CONTENT

Ducky One Single Color LED Specs	25
Ducky One Non-backlit Specs	26
Ducky One 2 Single Color LED Specs	27
Ducky One 2 Non-backlit Specs	28
Ducky One 2 RGB LED Specs	29
USB Repeat Acceleration	30
Single Color LED Backlit Modes	31
RGB LED Backlit Modes	32
Single Color LED Zone Customization Modes	33
RGB LED Zone Customization Modes	35
Demo Mode	37
Display Mode	37
Keyboard Power Mode	38
Reset Back to Factory Defaults	38
Windows Key Lock Feature	38
Mouse Function	39
DIP Switch Functions	40
Ducky Macro V2.0	41
Ducky Macro V2.0 Hotkeys Function	42
Ducky Macro V2.0 Setting Section	44
Ducky Macro V2.0 Windows Common Function Keys	45
Ducky Macro V2.0 Implication Diagram	46
Ducky Macro V2.0 Set Up Example	47

Ducky One



Single color LED

Model: DKON1608S / DKON1687S

- Type: Mechanical Keyboard
- Switch: Cherry MX Switches
- Keycap Material: PBT or ABS
- Printing Method:
Double-Shot or Laser engraved
- Origin Of Production: Taiwan

Full size

- Size: 440 x 140 x 41 mm
- Weight: 1300g

Tenkeyless

- Size: 356.6 x 133 x 41 mm
- Weight: 1100g

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



Ducky One



Non-backlit

Model: DKON1608 / DKON1687

- Type: Mechanical Keyboard
- Switch: Cherry MX Switches
- Keycap Material: PBT or ABS
- Printing Method: Double-Shot or Laser engraved or Dye-Sublimation
- Origin Of Production: Taiwan

Full size

- Size: 440 x 140 x 41 mm
- Weight: 1300g

Tenkeyless

- Size: 356.6 x 133 x 41 mm
- Weight: 1100g

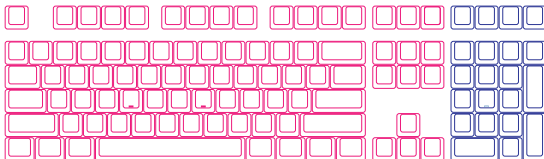
For more information on the specs and details of our keyboards, please contact the distributor for your region.



ANSI

80%

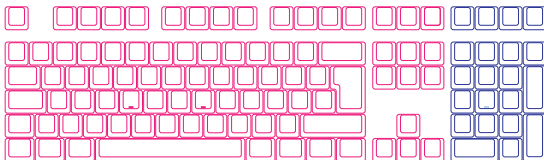
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ISO

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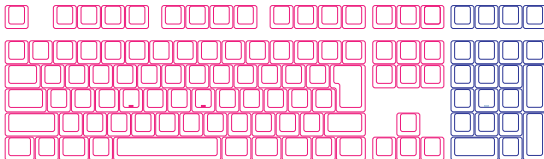
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JIS

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100%



Ducky One 2



Single color LED

Model: DKON1808S / DKON1887S

- Type: Mechanical Keyboard
- Switch: Cherry MX Switches
- Keycap Material: PBT or ABS
- Printing Method:
Double-Shot or Laser engraved
- Origin Of Production: Taiwan

Full size

- Size: 440 x 135 x 40 mm
- Weight: 1100g

Tenkeyless

- Size: 365 x 135 x 40 mm
- Weight: 950g

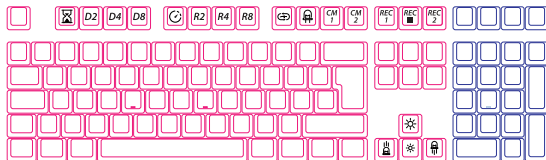
For more information on the specs and details of our keyboards, please contact the distributor for your region.



ANSI



ISO



JIS



Ducky One 2



Non-backlit

Model: DKON1808 / DKON1887

- Type: Mechanical Keyboard
- Switch: Cherry MX Switches
- Keycap Material: PBT or ABS
- Printing Method: Double-Shot or Laser engraved or Dye-Sublimation
- Origin Of Production: Taiwan

Full size

- Size: 440 x 135 x 40 mm
- Weight: 1100g

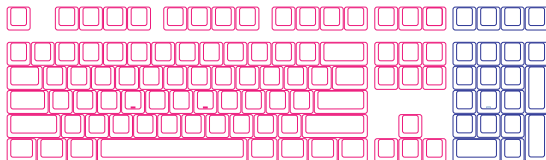
Tenkeyless

- Size: 365 x 135 x 40 mm
- Weight: 950g

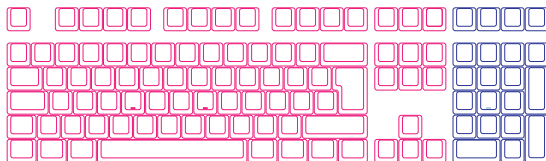
For more information on the specs and details of our keyboards, please contact the distributor for your region.



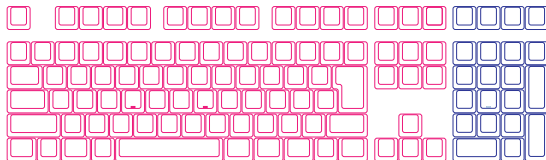
ANSI



ISO



JIS



Ducky One 2



RGB LED

Model: DKON1808ST / DKON1887ST

- Type: Mechanical Keyboard
- Switch: Cherry MX RGB Switches
- Keycap Material: PBT or ABS
- Printing Method:
Double-Shot or Laser engraved
- Origin Of Production: Taiwan

Full size

- Size: 440 x 135 x 40 mm
- Weight: 1100g

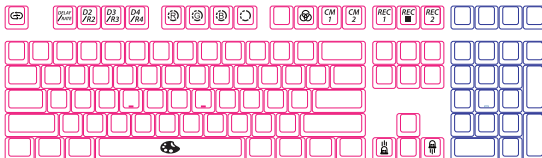
Tenkeyless

- Size: 365 x 135 x 40 mm
- Weight: 950g

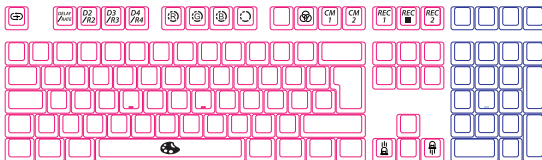
For more information on the specs and details of our keyboards, please contact the distributor for your region.



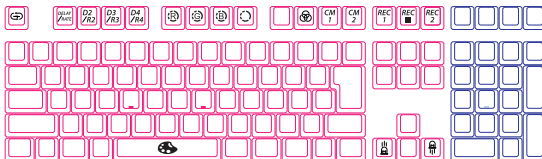
ANSI



ISO



JIS



USB Repeat Acceleration



Note:
USB Repeat Acceleration can only be adjusted under "Function Mode."

USB Repeat Acceleration may work differently in different applications. Please use a suitable setting accordingly.



Fn+	F9	=	Function Mode On / Off	Must Hold for 3 seconds
	F1		Repeat Delay 1x (Default)	Adjust USB Repeat Delay Time
	F2		Repeat Delay 2x	
	F3		Repeat Delay 4x	
	F4		Repeat Delay 8x	
	F5		Repeat Rate 1x (Default)	Adjust USB Repeat Rate Time
	F6		Repeat Rate 2x	
	F7		Repeat Rate 4x	
	F8		Repeat Rate 8x	
Fn+	ESC	=	Function Mode On / Off	Must Hold for 3 seconds
	F1		Repeat Delay 1x (Default)	Adjust USB Repeat Delay Time
	F2		Repeat Delay 2x	
	F3		Repeat Delay 4x	
	F4		Repeat Delay 8x	
	Alt+F1		Repeat Rate 1x (Default)	Adjust USB Repeat Rate Time
	Alt+F2		Repeat Rate 2x	
	Alt+F3		Repeat Rate 4x	
	Alt+F4		Repeat Rate 8x	

Single Color LED Backlit Modes



Fn+F10

First Mode: 100% Full Backlit Mode

Second Mode: Breathe Mode

Third Mode: Wave Mode

Fourth Mode: Snake Marquee Mode

Fifth Mode: Rain Drop Mode

Sixth Mode: Reactive Mode

Seventh Mode: Ripple Mode

Eighth Mode: Aurora Mode

Ninth Mode: Backlit Off

- All above modes can be adjusted with the following key sequence:
 - ◆ Fn + ← : Decrease speed
 - ◆ Fn + → : Increase speed
 - ◆ Fn + ↑ : Increase brightness
 - ◆ Fn + ↓ : Decrease brightness
- Hold Fn + F10 for 3 seconds to turn off all backlit (including CM1 and CM2).

RGB LED Backlit Modes



Fn+F10	
First Mode: Wave mode	Seventh Mode: Random Reactive Mode
Second Mode: Alpha Mode	⚙ Eighth Mode: Aurora Mode
Third Mode: Tetris Mode	⚙ Ninth Mode: Reactive Mode
Fourth Mode: Color Cycle Mode	⚙ Tenth Mode: Breathe Mode
Fifth Mode: Rain Drop Mode	⚙ Eleventh Mode: 100% Full Backlit Mode
Sixth Mode: Circle Ripple 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.

Single Color LED Zone Customization Modes



Fn + F11	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 + F12	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 + PrtSc	REC1, recording CM1
Fn + Pause	REC2, recording CM2
Caps Lock + ↑ ↓	To set up brightness
Caps Lock + Scroll Lock	REC Over

Single Color LED Zone Customization Modes



Recording steps

- Important:

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

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 brightness. The brightness can be adjusted by hitting Caps Lock + ↑ ↓ . After setting the desired brightness, hitting any key on the keyboard will set that key to the selected brightness.
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 + Scroll Lock) function to finish recording. The brightness of the Caps Lock key is the value you set.

Note:

- When starting recording mode, Caps Lock will display the current LED brightness.
- CM1 and CM2 can be turned on along with other lighting modes. CM1 has the priority over CM2 when the zone overlaps.
- 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.

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
Caps Lock + F5 / F6 / F7	To set up Red / Green / Blue LED Color
Caps Lock + F8	Erase ALL LED light
Caps Lock + Spacebar	Color Palette
Caps Lock + Scroll Lock	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 + F5 / F6 / F7 / F8. 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 + Scroll Lock) 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 current LED Color.
- CM1, CM2 cannot work at the same time, under other lighting modes neither.
- CM1, CM2 can only turn on user's customized zone and color. That is, it cannot turn on the color in breathe mode.
- 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.

Demo Mode



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

Note: It is suitable for plugging in the mobile power supply or USB charging stand to provide lighting effects display, and the keyboard won't send any signal. Please note that it is limited to power supply devices with an output voltage of 5V. If the voltage does not match, the keyboard may be damaged.

Display Mode



Hold Fn + Alt + Ctrl for 3 sec

To display various LED Backlit Modes.

Note:
Used for showcasing purposes.

Keyboard Power Mode



USB3.0 Power Mode (Default)

Hold Right Alt + spacebar and plug in USB port.

USB2.0 Power Mode

Hold Left Alt + spacebar and plug in USB port.

Reset Back to Factory Defaults



US ANSI and EU ISO layout

Left + Windows key + Right Windows key

JP JIS layout

Fn+ 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)



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):

TKL, Tenkeyless
→ Fn + Scroll Lock

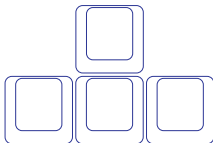
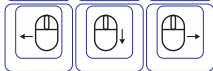
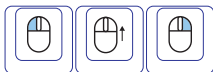
Full Size
→ Fn + Number Lock

Note:

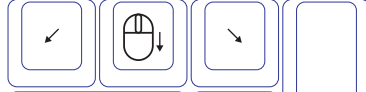
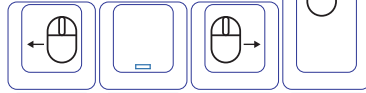
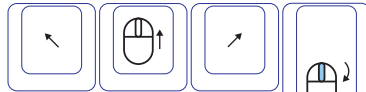
The corner right indicator
"M" key will light up upon
activation.

Mouse function diagram

TKL, Tenkeyless



Full Size



DIP Switch Functions



- 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.
- Keyboard cannot be updated under 6KRO. Please keep the keyboard in NKRO mode (Default) to update the firmware.

DIP1~DIP3 to assign the position of Fn key (Default is 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



DIP4	OFF (Default)	ON
	N-Key Rollover mode	6-Key Rollover mode

Ducky Macro V2.0



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 Fn followed by Ctrl and hold both keys 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 and Record Time option.

Step5. To exit or continuing recording

Press Fn+Ctrl to exit recording or press Fn+Alt to continue recording more keys.

Ducky Macro V2.0 Hotkeys Function



Macro Implementation Option

Fn+	Q	=	Start to run Macro by pressing a key.
	W		Start to run Macro by pressing down the key once until the key is being pressed again to stop.
	E		Start to run Macro by holding down the keys until it is let go.

Note:

When sending Macro output, pressing any keys will break the ongoing Macro.

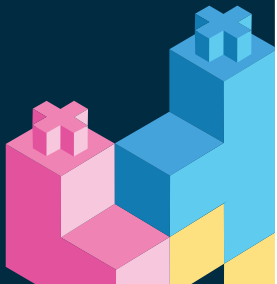
Macro Record Time Option

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

Note:

- Default Macro function will be based on the user's typing speed and record it.
- Macro Open / Shortcut keys recording: Hold Fn + Ctrl for 3 sec.

Ducky Macro V2.0 Hotkeys Function



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

Note:
Need to be recorded first
before use.

Reset Macro setting for single profile

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 V2.0



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

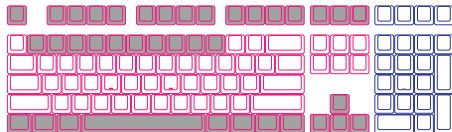
Keys can be set to Macro (US ANSI keyboard as example)

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.

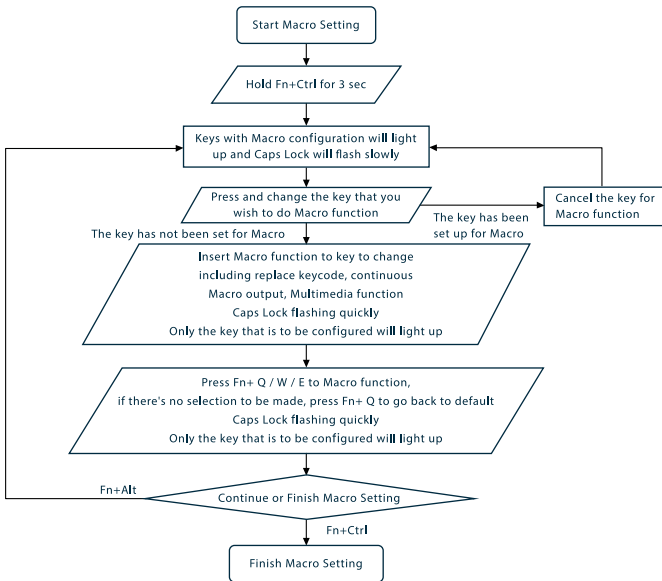
Ducky Macro V2.0 Windows Common Function Keys



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 Implication Diagram



Ducky Macro V2.0 Set Up Example



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

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

Steps:

1. Hold Fn + Ctrl for 3 seconds, to enter Macro recording.
2. Press Z, press on the key you want to use to activate Macro.
3. Press Q, enter any key, and choose the Macro implantation.
4. Fn + Ctrl / Fn + Alt, to exit recording / to continue recording more keys.

Example B Holding "Fn + A" then type 「ABC」 until release the key to stop ongoing output.

Steps:

1. Hold Fn + Ctrl for 3 seconds, to enter Macro recording.
2. Press Fn + A, press on the key you want to use to activate Macro.
3. Press A, B and C in sequence to record ongoing Macro.
4. Press Fn + E, select implantations option.
5. Fn + Ctrl / Fn + Alt, to exit recording / to continue recording more keys.

Example C To set F1 as show "Desktop" (under Windows system)

Steps:

1. Hold Fn + Ctrl for 3 seconds, to enter Macro recording.
2. Press F1, press on the key you want to use to activate Macro.
3. Hold Windows key + D, enter any key, and choose the Macro implantation.
4. Fn + Ctrl / Fn + Alt, to exit recording / to continue recording more keys.

Example D To set F5 as "mute volume" (under Windows system)

Steps:

1. Hold Fn + Ctrl for 3 seconds, to enter Macro recording.
2. Press F5, press on the key you want to use to activate Macro.
3. Press Fn + Windows key + A, enter any key, and choose the Macro implantation.
4. Fn + Ctrl / Fn + Alt, to exit recording / to continue recording more keys.









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