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› Ducky One 3 Pure White Hotswap RGB Mechanical Keyboard User Manual

Ducky DKON2108ST-BUSPDPWWSC1

Ducky One 3 Pure White Hotswap RGB Mechanical Keyboard User Manual

Model: DKON2108ST-BUSPDPWWSC1

1. INTRODUCTION AND OVERVIEW

The Ducky One 3 series mechanical keyboard is designed with QUACK Mechanics, focusing on aesthetics, hotswap functionality, sound dampening, and improved stabilizers. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Ducky One 3 keyboard.



Figure 1: Ducky One 3 Pure White Hotswap RGB Mechanical Keyboard

Key Features:

- QUACK Mechanics design philosophy
- Dual-layer hot-swap PCB with Kailh yellow hotswap sockets
- Low-profile case design
- Dual-layer high-grade silicone and EVA foam sound dampeners
- Thick PBT Double-shot seamless keycaps
- Per-key programmable RGB lighting
- 3-level adjustable feet
- Detachable USB-C cable
- Improved PCB design and V2 stabilizers
- N-key rollover

2. SETUP

2.1 Package Contents

Before you begin, ensure all items are present in the box:

- Ducky One 3 Mechanical Keyboard
- Detachable USB-C Cable
- Keycap Puller
- Additional Keycaps (e.g., spacebar, arrow keys)

2.2 Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect the provided USB-C cable to the keyboard.
3. Connect the other end of the cable (USB-A) to an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system (Windows, macOS, Linux, ChromeOS).



Figure 2: USB-C Port for Keyboard Connection

2.3 Adjusting Keyboard Height

The Ducky One 3 features 3-level adjustable feet on its underside to customize your typing angle.

1. Gently lift the keyboard.
2. Extend the desired set of feet (small or large) to achieve your preferred typing angle.



Figure 3: Adjustable Feet on Keyboard Underside

3. OPERATING INSTRUCTIONS

3.1 RGB Lighting Control

The Ducky One 3 supports per-key programmable RGB lighting. Lighting modes and colors can be adjusted directly on the keyboard using key combinations. Refer to the included quick start guide for specific key combinations to change effects, brightness, and color.

3.2 Hot-Swapping Switches

The keyboard features a dual-layer hot-swap PCB, allowing users to change mechanical switches without soldering. This enables customization of typing feel and sound.

1. Power off the keyboard or disconnect it from your computer.
2. Use the provided keycap puller to carefully remove the desired keycap.
3. Use a switch puller (not included, but often bundled with switches) to gently remove the switch from the PCB.

- 4. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
- 5. Reattach the keycap.

3.3 Macro Functionality

The Ducky One 3 includes a remapped macro layout for advanced customization. Specific instructions for recording and assigning macros are detailed in the comprehensive user manual available on the Ducky website.

4. MAINTENANCE

4.1 Cleaning the Keyboard

Regular cleaning helps maintain performance and appearance:

- Disconnect the keyboard from your computer.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.
- For deeper cleaning, use the keycap puller to remove keycaps and clean the switches and plate with a damp cloth (ensure no liquid enters the switches).
- Wipe keycaps with a mild cleaning solution and a soft cloth. Ensure they are completely dry before reattaching.

4.2 Keycap and Switch Replacement

The included keycap puller facilitates easy removal of keycaps for cleaning or replacement. For switch replacement, follow the hot-swapping instructions in Section 3.2.

5. TROUBLESHOOTING

5.1 RGB Lighting Issues

If RGB lighting is not functioning as expected or appears to flicker:

- Ensure the keyboard is properly connected.
- Cycle through different lighting modes using the keyboard's built-in shortcuts (refer to the quick start guide).
- Adjust brightness levels.
- If flickering persists, try connecting the keyboard to a different USB port or computer to rule out system-specific issues.

5.2 Incorrect Key Registration

If multiple keys register with a single press or keys are not registering accurately:

- Ensure keycaps are seated correctly on their switches.
- Check for any debris or foreign objects under the keycaps or around the switches.
- If using hot-swappable switches, ensure they are fully inserted and their pins are not bent.
- Test the keyboard on another computer to determine if the issue is hardware or software related.

6. SPECIFICATIONS

Feature	Detail
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Brand	Ducky
Model Number	DKON2108ST-BUSPDPWWWSC1
Color	Pure White (Cherry MX Brown switches)
Connectivity Technology	USB-C
Number of Keys	108
Switch Type	Tactile (Cherry MX Brown)
Keycap Material	PBT Double-shot
Backlighting	Per-key programmable RGB
Compatible Devices	PC
Compatible Operating Systems	ChromeOS, Linux, MacOS, Windows
Item Weight	1123 Grams

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

The Ducky One 3 Mechanical Keyboard comes with a 2-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. For warranty claims, please contact your retailer or Ducky's official support channels.

7.2 Additional Support

For further assistance, updated drivers, or detailed user guides, please visit the official Ducky website: www.duckychannel.com.tw

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