

Ducky DKON1808ST-CUSPDAZT2

Ducky One 2 Pro RGB Mechanical Keyboard Pudding - Cherry MX2A Blue Switch User Manual

Model: DKON1808ST-CUSPDAZT2

1. INTRODUCTION

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of the Ducky One 2 Pro RGB Mechanical Keyboard Pudding with Cherry MX2A Blue switches. The Ducky One 2 Pro integrates the classic One 2 design with Ducky's Quack Mechanics for enhanced performance and durability.

Key features of this keyboard include:

- **True PBT Doubleshot Keycaps:** Designed for durability and resistance to wear.
- **Authentic Acoustics:** Features V2 stabilizers and an EVA foam layer under the PCB to reduce undesired sounds and improve typing feel.
- **Balance Tuning:** Stabilizers are factory-tuned for a consistent typing experience.
- **Dual-layer PCB:** Contributes to a longer lifespan and stable signal transmission, supporting N-key or 6-Key Rollover.
- **Detachable USB Type-C:** Utilizes a USB HID with a 1000Hz polling rate for rapid input signal transmission.
- **Hot-Swappable Switches:** Allows for easy replacement of mechanical switches without soldering.

2. SETUP

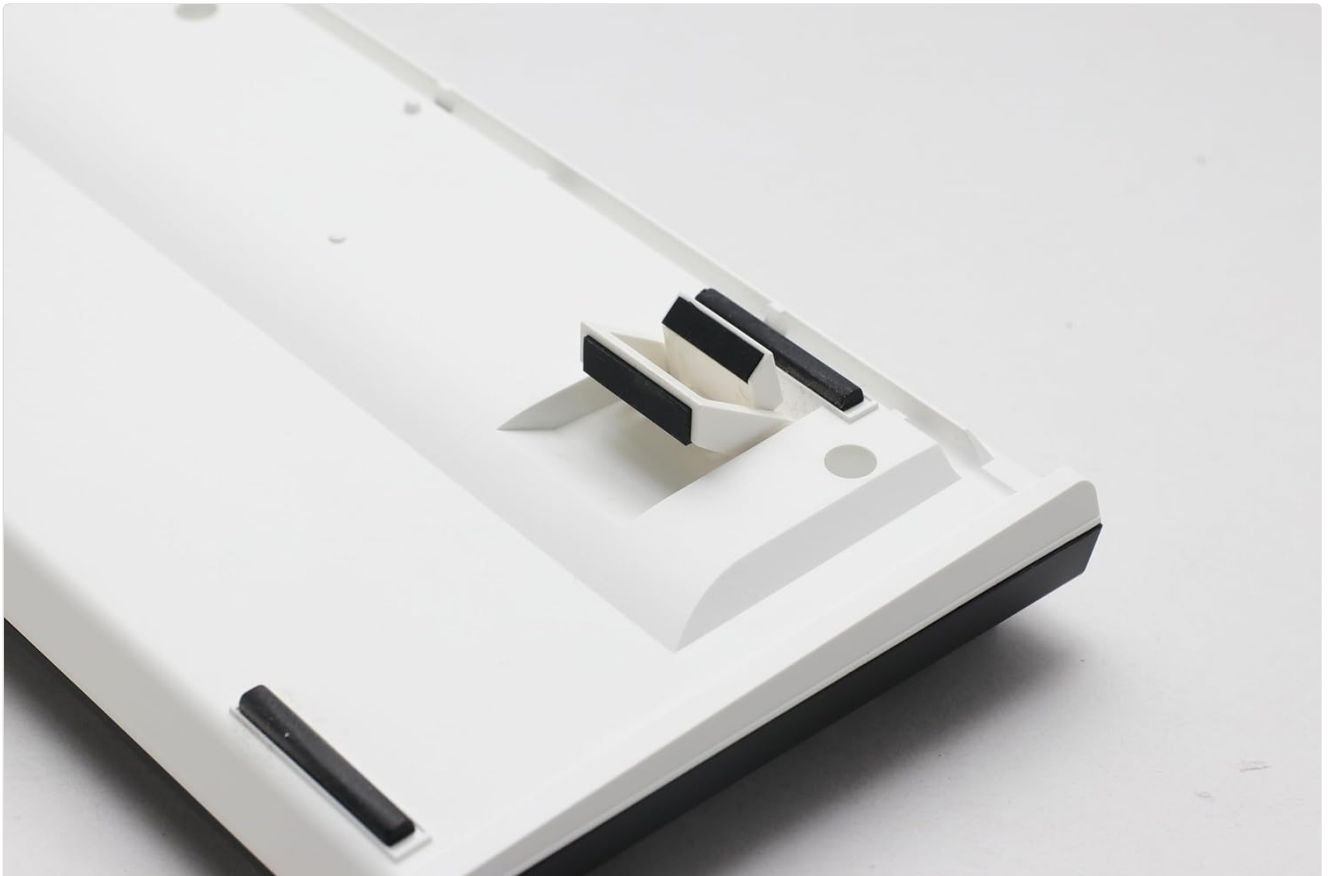
Follow these steps to set up your Ducky One 2 Pro RGB Mechanical Keyboard:

1. **Unpack the Keyboard:** Carefully remove the keyboard and its accessories from the packaging. Ensure the USB-C cable is present.
2. **Connect the USB-C Cable:** Insert the smaller USB-C end of the provided cable into the port on the back of the keyboard.



A close-up view of the USB-C port located on the back of the Ducky One 2 Pro keyboard, where the detachable cable connects.

3. **Connect to Computer:** Plug the standard USB-A end of the cable into an available USB port on your computer. The keyboard should be automatically detected.
4. **Adjust Keyboard Angle:** The keyboard features two-stage adjustable feet on its underside. Flip these feet out to select your preferred typing angle.



The underside of the Ducky One 2 Pro keyboard, showing the two-stage adjustable feet that allow for different typing angles. Your keyboard is now ready for use.

3. OPERATING THE KEYBOARD

The Ducky One 2 Pro offers standard keyboard functionality along with advanced features:

Basic Typing

The keyboard functions as a standard QWERTY layout device. Simply begin typing. The Cherry MX2A Blue switches provide a tactile and clicky feedback.



The Ducky One 2 Pro RGB Mechanical Keyboard shown from a top-down perspective, highlighting the full layout and RGB lighting.

RGB Lighting Control

The keyboard features customizable RGB backlighting. Specific key combinations are used to change lighting modes, colors, and brightness. Refer to the Ducky official website for detailed instructions on advanced RGB customization and software if available.

- **Changing Lighting Modes:** Typically, Fn + F10, F11, or F12 cycles through various lighting effects.
- **Adjusting Brightness:** Often controlled by Fn + Arrow Up/Down keys.
- **Changing Colors:** May involve Fn + specific keys (e.g., Fn + Left/Right Arrow) depending on the mode.

Function Layer and Macros

The keyboard supports a function layer accessed via the 'Fn' key, allowing access to multimedia controls and other functions. Macro recording capabilities are also available for advanced users. Consult the full Ducky manual for specific key combinations for macro programming.

N-Key Rollover (NKRO)

The Dual-layer PCB supports N-Key Rollover, which means all keys pressed simultaneously will register. This feature is active by default via USB. A 6-Key Rollover mode may also be available for compatibility with older systems.

Hot-Swappable Switches

The Ducky One 2 Pro features hot-swappable switches, allowing users to change individual mechanical switches without soldering. Use the included keycap and switch puller tools for this process.



A detailed view of the PBT Doubleshot keycaps and the exposed Cherry MX2A Blue mechanical switches on the Ducky One 2 Pro keyboard, with a removed keycap showing the switch stem.

4. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard:

- **Cleaning Keycaps:** Use a keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth, then rinse and dry thoroughly before reattaching.
- **Cleaning the Keyboard Body:** Wipe the keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.
- **Cleaning Switches:** Use compressed air to remove dust and debris from around and under the switches. If switches are removed, ensure no foreign objects enter the PCB.
- **Cable Care:** Avoid sharp bends or kinks in the USB-C cable to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your Ducky One 2 Pro keyboard, consider the following:

- **Keyboard Not Detected:**

- Ensure the USB-C cable is securely connected to both the keyboard and the computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Test the keyboard on another computer to rule out system-specific issues.
 - Ensure the cable is not damaged.
- **Keys Not Responding:**
 - Check for debris under the keycap or around the switch.
 - If using hot-swappable switches, ensure the switch is properly seated in its socket.
 - Perform a factory reset (refer to Ducky's official documentation for the specific key combination).
- **RGB Lighting Issues:**
 - Cycle through lighting modes to see if the issue persists across different effects.
 - Adjust brightness settings.
 - Ensure no software conflicts are interfering with the lighting control.
- **Intermittent Connectivity:**
 - Ensure the USB-C cable is fully inserted and not loose.
 - Avoid using unpowered USB hubs; connect directly to the computer if possible.

6. SPECIFICATIONS

Model Number	DKON1808ST-CUSPDAZT2
Brand	Ducky
Switch Type	Cherry MX2A Blue (Clicky)
Keycaps	True PBT Doubleshot
Connectivity Technology	USB-C (Detachable)
Polling Rate	1000Hz
Rollover	N-Key Rollover (NKRO) / 6-Key Rollover
Special Features	QUACK Mechanics, Hot-Swappable, Three keyboard angles, Independent keyboard indicator lights
Material	Polybutylene Terephthalate, Plastic, EVA foam
Item Weight	3.64 pounds
Package Dimensions	19 x 7.5 x 1.85 inches
Included Components	USB Cable

7. WARRANTY INFORMATION

The Ducky One 2 Pro RGB Mechanical Keyboard is covered by a manufacturer's warranty. The duration and terms of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the official Ducky website or contact your point of purchase.

8. SUPPORT

For further assistance, technical support, or to access the latest drivers and firmware updates, please visit the official Ducky website. You can also find additional product information and support resources through the [Ducky Store on Amazon](#).

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question