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Ducky DKON2161ST-RUSPDABAAAC1

Ducky One 3 Mini Aura 60% Mechanical Keyboard User Manual

Model: DKON2161ST-RUSPDABAAAC1

1. INTRODUCTION

Welcome to the Ducky One 3 Mini Aura 60% Mechanical Keyboard user manual. This guide provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new keyboard. The Ducky One 3 series features the innovative QUACK Mechanics design philosophy, focusing on superior aesthetics, hot-swappable functionality, sound dampening, and enhanced stabilizers.

This keyboard is designed for an exhilarating typing feel and authentic acoustics, making it ideal for both gaming and productivity.

2. KEY FEATURES

- **QUACK Mechanics Design Philosophy:** Engineered for best-in-class aesthetics, functionality, and performance.
- **Dual Layer Hot-Swap PCB:** Equipped with exclusive Kailh yellow hot-swap sockets for easy switch replacement.
- **Advanced Sound Dampening:** Features dual-layer high-grade silicone and EVA foam dampeners for superior acoustics.
- **Durable Keycaps:** Comes with thick PBT Double-shot AC-Style Keycaps for longevity and a premium feel.
- **Per-Key Programmable RGB:** Customize lighting effects for each individual key.
- **Adjustable Feet:** Three-level adjustable feet for ergonomic comfort.
- **Detachable USB-C Cable:** Includes a braided USB-C cable for convenient connectivity and portability.
- **Improved PCB Design & V2 Stabilizers:** Enhanced stability and performance.
- **N-Key Rollover:** Ensures every keystroke is registered, even during rapid typing.

3. PACKAGE CONTENTS

Please ensure all items are present in the package:

- Ducky One 3 Mini Aura 60% Mechanical Keyboard
- Detachable USB-C Cable
- User Manual (this document)

4. SETUP GUIDE

4.1 Initial Connection

1. Unpack the Ducky One 3 Mini Aura keyboard and the included USB-C cable.
2. Locate the USB-C port on the back of the keyboard.
3. Connect one end of the USB-C cable to the keyboard's USB-C port.
4. Connect the other end of the USB-C cable to an available USB port on your computer.
5. The keyboard will automatically be detected by your operating system. No additional drivers are typically required for basic functionality.



Figure 4.1: The detachable braided USB-C cable connected to the keyboard.

4.2 Adjusting Keyboard Angle

The Ducky One 3 Mini Aura features three-level adjustable feet to customize your typing angle for optimal comfort.

1. Flip the keyboard over to access the feet on the underside.
2. Gently pull out the desired set of feet (small or large) to raise the keyboard to your preferred height.
3. Ensure both feet are extended evenly to maintain stability.



Figure 4.2: Adjustable feet on the underside of the keyboard for ergonomic positioning.

5. OPERATING INSTRUCTIONS

5.1 Basic Usage

The Ducky One 3 Mini Aura functions as a standard 60% mechanical keyboard. All primary keys operate as labeled. Due to its compact 60% layout, many functions are accessed via function (Fn) layer combinations.



Figure 5.1: The Ducky One 3 Mini Aura keyboard showcasing its vibrant RGB illumination.

5.2 Function Layer (Fn Key)

The Fn key (located typically near the right Alt key) is used to access secondary functions printed on the front or side of keycaps. Common Fn combinations include:

- **Fn + Number Row:** F1-F12 keys.

- **Fn + P, [,]:** Print Screen, Scroll Lock, Pause Break.
- **Fn + Arrow Keys:** Page Up, Page Down, Home, End.
- **Fn + W, A, S, D:** Arrow keys (for gaming mode, can be toggled).
- **Fn + M, <, >, ?:** Multimedia controls (Play/Pause, Previous, Next, Mute).

Refer to the legends on your keycaps for specific functions.

5.3 RGB Lighting Control

The Ducky One 3 Mini Aura features per-key programmable RGB lighting. Lighting modes and brightness can be adjusted directly on the keyboard using Fn key combinations. Specific combinations vary by firmware version; consult the Ducky official website or included quick guide for detailed instructions on changing modes, colors, and brightness.

5.4 Hot-Swappable Switches

The keyboard's hot-swappable PCB allows you to change mechanical switches without soldering. This enables customization of typing feel and sound.

1. **Removing Switches:** Use the included switch puller tool. Gently grip the switch from the top and bottom, then pull straight up with even pressure until it detaches from the PCB.
2. **Installing Switches:** Align the pins of the new switch with the holes on the PCB. Press down firmly and evenly until the switch clicks into place. Ensure pins are not bent before insertion.

For a visual overview of the Ducky One 3 series features, including hot-swappable switches and construction, please watch the official product video:

Video 5.4: An overview of the Ducky One 3 series, highlighting its design philosophy, hot-swappable PCB, sound dampening, and PBT keycaps.

6. MAINTENANCE

6.1 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's appearance and functionality.

- **Keycaps:** Use a keycap puller to remove keycaps. Clean them with mild soap and water, then dry thoroughly before reattaching.
- **Keyboard Body:** Use a soft, lint-free cloth dampened with water or a mild cleaning solution. Avoid excessive moisture.
- **Between Keys:** Use compressed air to blow out dust and debris from between the switches.

6.2 Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect the USB-C cable to prevent accidental damage.

7. TROUBLESHOOTING

If you encounter issues with your Ducky One 3 Mini Aura keyboard, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, faulty USB port, driver issue.	Ensure USB-C cable is securely connected to both keyboard and computer. Try a different USB port. Restart your computer.
RGB lighting not working	Lighting mode off, low brightness, software conflict.	Check Fn key combinations for lighting control (e.g., Fn + Alt + T for mode, Fn + Alt + Z/X for brightness). Ensure Ducky software (if used) is not conflicting.
Specific keys not registering	Loose or faulty switch, debris under keycap.	Remove the keycap and switch. Clean any debris. Reinsert the switch firmly. If issue persists, replace the switch.
Keyboard typing incorrect characters	Incorrect layout setting, firmware issue.	Check your operating system's keyboard layout settings. Consider resetting the keyboard to factory defaults (refer to Ducky's official support for specific key combinations).

If the problem persists after attempting these solutions, please contact Ducky customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Name	Ducky One 3 Mini Aura
Model Number	DKON2161ST-RUSPDABAAAC1
Layout	60%
Switches	Cherry MX Red (Hot-Swappable)
Keycaps	PBT Double-shot AC-Style
Lighting	Per-key Programmable RGB
Connectivity	USB-C (Detachable)
Dimensions (L x W x H)	12.2 x 4.33 x 1.57 inches
Weight	2.12 pounds
Material	Silicone (dampeners)
Compatible Devices	PC

9. WARRANTY AND SUPPORT

Ducky products typically come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Ducky website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting beyond this manual, or warranty inquiries, please contact Ducky customer support through their official website or authorized distributors.

Ducky Official Website: www.duckychannel.com.tw

