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MIKIBY NANO68

MIKIBY Nano 68 Rapid Trigger Custom Mechanical Keyboard User Manual

Model: NANO68

INTRODUCTION

Thank you for choosing the MIKIBY Nano 68 Rapid Trigger Custom Mechanical Keyboard. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new keyboard. The Nano 68 is designed for high-performance gaming and efficient typing, featuring Hall Effect magnetic switches, rapid trigger technology, and customizable RGB lighting.



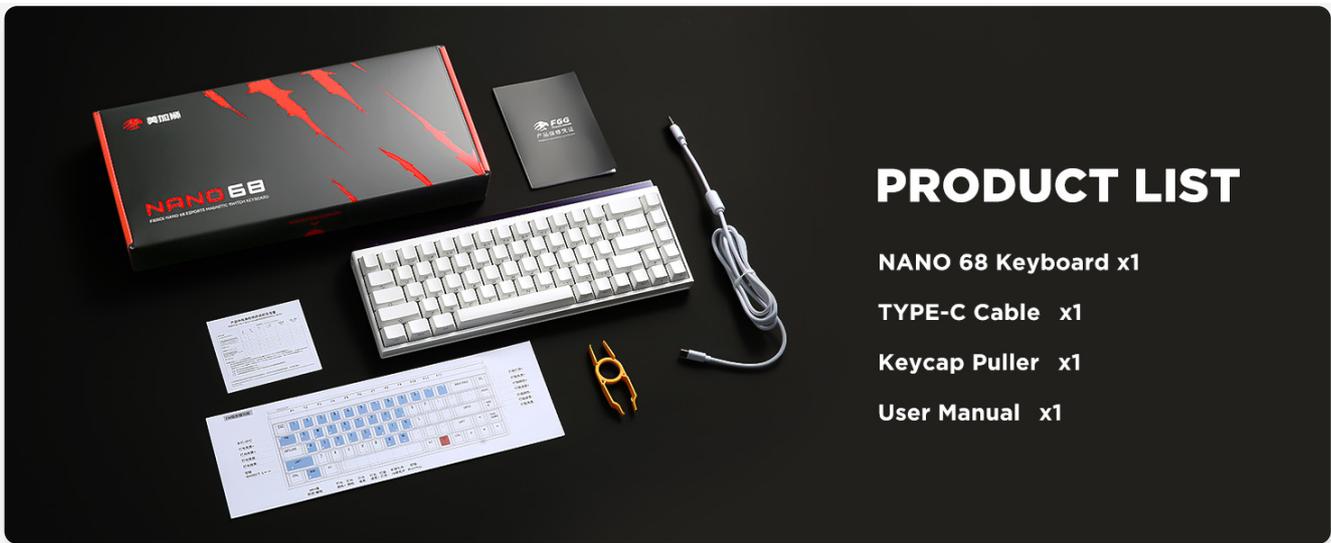
Image: The MIKIBY Nano 68 keyboard showcasing its compact 60% layout and vibrant RGB backlighting.

1. SETUP

1.1 Package Contents

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

- MIKIBY Nano 68 Keyboard x1
- USB Type-C Cable x1
- Keycap Puller x1
- User Manual x1



PRODUCT LIST

- NANO 68 Keyboard x1
- TYPE-C Cable x1
- Keycap Puller x1
- User Manual x1

Image: A visual representation of the MIKIBY Nano 68 keyboard and its included accessories: USB-C cable, keycap puller, and user manual.

1.2 Connecting the Keyboard

1. Locate the USB Type-C port on the back of the Nano 68 keyboard.
2. Connect one end of the provided USB Type-C cable to the keyboard.
3. Connect the other end of the USB cable to an available USB-A port on your computer (PC, Laptop, Mac) or compatible gaming console/tablet.
4. The keyboard will automatically be recognized by your operating system. No additional drivers are typically required for basic functionality.

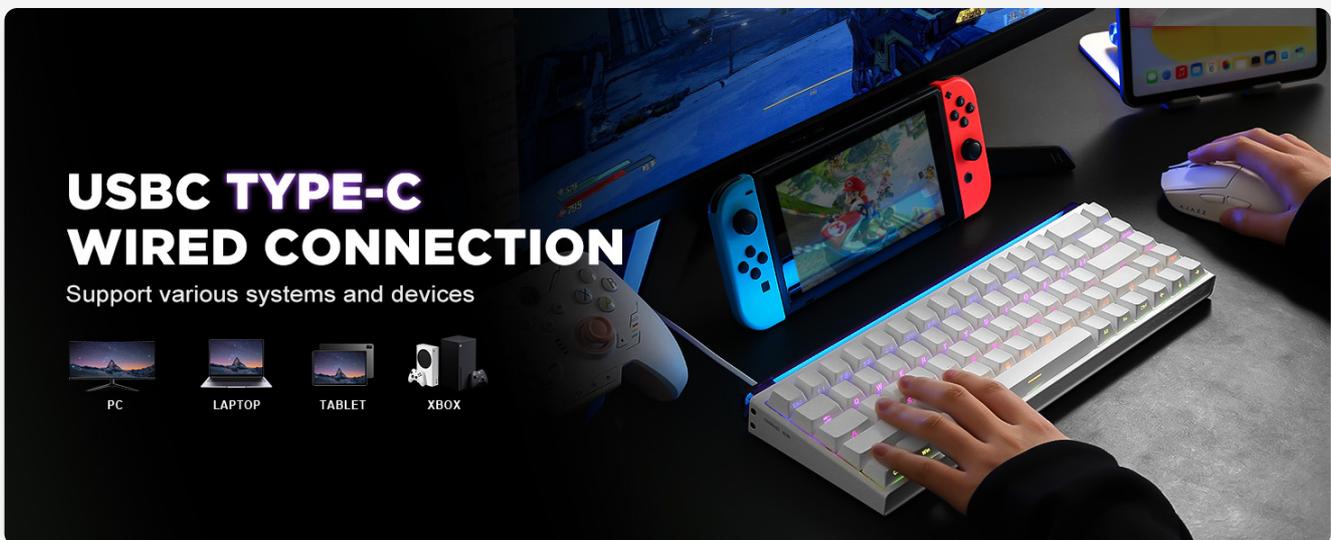


Image: The MIKIBY Nano 68 keyboard connected via its USB-C cable to a computer, illustrating its wired connectivity for various devices.

2. OPERATING INSTRUCTIONS

2.1 Hall Effect Magnetic Switches and Rapid Trigger

The Nano 68 features Hall Effect magnetic switches with Rapid Trigger technology, offering precise and customizable actuation.

- **Adjustable Actuation Point:** The actuation point can be adjusted from 0.02mm to 3.3mm to suit your typing or gaming style.

- **Rapid Trigger:** This feature eliminates reset delays, allowing for extremely fast, repeated keystrokes. Keys react instantly upon release, providing a competitive edge in fast-paced applications.
- **8K Hz Polling Rate:** Ensures every keystroke is registered with minimal delay, providing high responsiveness.

Hall Effect Magnetic Switch

⚡ Snap Key

🔄 Toggle Key (TGL)

🧲 Magnetic Hall Effect

🏠 Dynamic Keystroke & MT

Magnetic Switch Information

Switch Type:	Magnetic Amber Pro
Response delay:	0.125ms
Adjustable Actuation Point:	0.02-3.3mm
Actuation Point:	0.3-3.8mm
Fastest Actuation Point:	0.1mm
RT Precision:	0.01
Switch Lifespan:	100 million keystrokes
Polling Rate:	8KHz
Total Travel:	0.3-3.8mm
Minimum Actuation Force:	37±10 gf

Rapid Trigger Mode

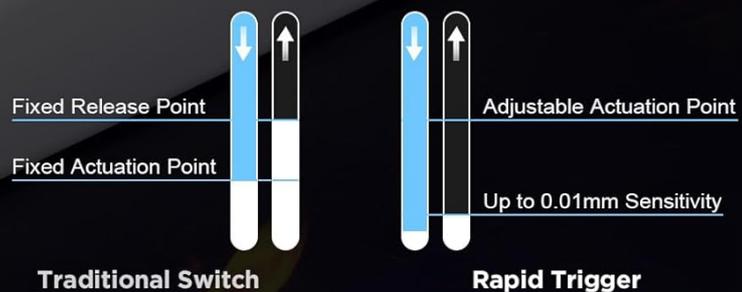


Image: A detailed diagram explaining the Hall Effect Magnetic Switch specifications and a comparison between traditional switch actuation and Rapid Trigger functionality.



Rapid Trigger Mode

Ultra-low latency & 0.01mm RT accuracy

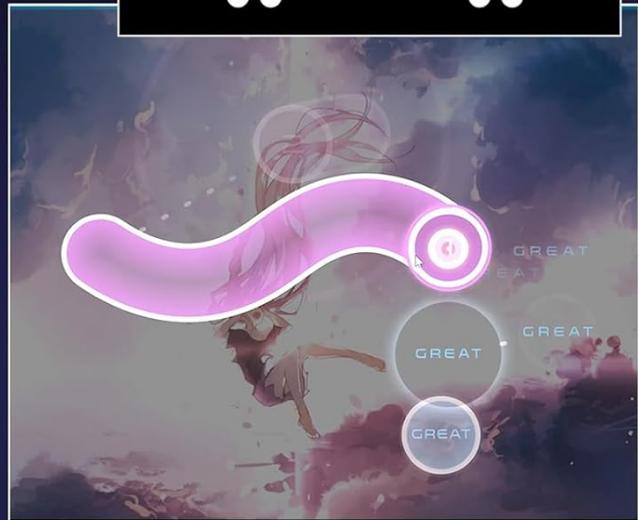
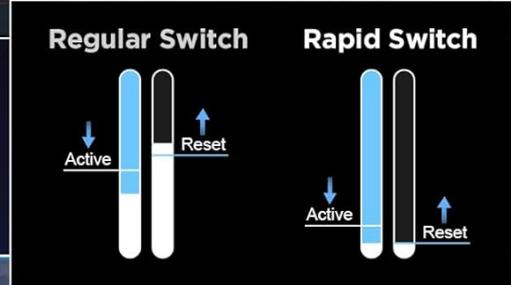


Image: Visual explanation of Rapid Trigger Mode, highlighting ultra-low latency and 0.01mm accuracy, with examples from gaming scenarios.

2.2 RGB Lighting System

The keyboard features a 16.8 million color RGB lighting system with south-facing LEDs and a high-transparency light box. You can customize lighting effects using FN key combinations:

RGB Lighting Control Functions

Function Key Combination	Description
FN + Tab	RGB Lighting On/Off
FN + Q / A	RGB Brightness +/-
FN + W / S	RGB Effect +/-
FN + E / D	RGB Color +/-

Function Key Combination	Description
FN + R / F	RGB Speed +/-
FN + T / G	Light Box Effect +/-
FN + Y / H	Light Box Brightness +/-
FN + U / J	Light Box Speed +/-
FN + I / K	Light Box Color +/-



Image: A visual guide to the FN key combinations for controlling the 16.8 million RGB lighting effects and the removable side bar light box.

2.3 Customizable Web Driver Software

The Nano 68 keyboard supports a professional web-based driver for advanced customization. This software allows you to:

- Customize DKS/MT/TGL functions.
- Perform key mapping.
- Edit macros.
- Adjust RGB lighting settings.
- Set actuation points and rapid trigger sensitivity.

This web driver is compatible with Windows and Mac systems and does not require any downloads.

Image: Screenshot of the web-based customization software interface, showing options for basic settings, RGB effects, key redefinition, and macro definition.

2.4 N-Key Rollover

The Nano 68 supports N-Key Rollover (NKRO), which means all keys pressed simultaneously will be registered accurately without conflict or ghosting. This is crucial for complex key combinations in gaming and fast typing.

N-KEY ROLLOVER

Supports all keys to be pressed at the same time without conflict, ensuring that each key input is accurately recognised



Image: An illustration demonstrating N-Key Rollover, showing multiple keys being pressed simultaneously and accurately recognized by the keyboard.

2.5 Hot-Swappable Switches

The keyboard is designed with hot-swappable sockets, allowing you to easily change the magnetic switches without soldering. This provides flexibility for customization and maintenance.

Hot Swappable Keyboard

Compatible with other magnetic switch



Image: Close-up view of the MIKIBY Nano 68 keyboard demonstrating its hot-swappable feature, with magnetic switches being removed and inserted.

3. MAINTENANCE

3.1 Cleaning the Keyboard

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

- **Keycaps:** Use the provided keycap puller to carefully remove keycaps. Clean them with a soft cloth dampened with mild soap and water, then dry thoroughly before reattaching.
- **Keyboard Body:** Wipe the keyboard surface with a soft, lint-free cloth. For stubborn dirt, a slightly damp cloth can be used. Avoid excessive moisture.
- **Between Keys:** Use compressed air to remove dust and debris from between the switches.

3.2 General Care

- Avoid exposing the keyboard to extreme temperatures, humidity, or direct sunlight.

- Do not spill liquids on the keyboard. In case of a spill, immediately disconnect the keyboard and allow it to dry completely before reconnecting.
- Handle the USB cable carefully to prevent damage to the connector or cable.

4. TROUBLESHOOTING

4.1 Keyboard Not Responding

- Ensure the USB Type-C cable is securely connected to both the keyboard and your computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to determine if the issue is with the keyboard or the original computer's setup.
- Restart your computer.

4.2 RGB Lighting Not Working or Incorrect

- Ensure RGB lighting is turned on using the FN + Tab key combination.
- Adjust brightness using FN + Q / A.
- If using the web driver, check your lighting settings there.
- Disconnect and reconnect the keyboard.

4.3 Keys Not Registering or Double-Typing

- Check for any debris under the affected keycap. Use compressed air to clear it.
- If the issue persists, consider hot-swapping the problematic switch with a known working one (if you have spare switches).
- Verify actuation settings in the web driver software; ensure they are not set too low or too high for your preference.

5. SPECIFICATIONS

Feature	Detail
Model	NANO68
Switch Type	Hall Effect Magnetic Switches (Magnetic Amber Pro)
Actuation Point	Adjustable 0.02-3.3mm
Polling Rate	8K Hz
Key Rollover	N-Key Rollover (NKRO)
Keycaps	Side-Printed PBT Keycaps
Backlighting	16.8 Million Color RGB, South-facing LED
Connectivity	Wired USB Type-C
Compatible Devices	PC, Laptop, Mac, Gaming Console, Tablet, Smartphone
Dimensions	12.28 x 4.72 x 1.06 inches (approximate)

Feature	Detail
Weight	2.2 pounds
Included Components	Keyboard, USB Cable, Keycap Puller

6. WARRANTY INFORMATION

MIKIBY products are covered by a limited warranty against manufacturing defects. Please refer to the warranty card included in your package or visit the official MIKIBY website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

7. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any questions regarding your MIKIBY Nano 68 keyboard, please contact MIKIBY customer support through the official website or the contact information provided in your product packaging. Our support team is available to help you.